

Chapter 8 – Literature Cited

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Chapters 1 and 2

- Bass, Ronald E. Herson, Albert I., and Bogdan, Kenneth M. (2001). *The NEPA Book: A Step-by-Step Guide on How to Comply with the National Environmental Policy Act*. Solano Press Books, Point Arena, CA. 475 pp.
- Council on Environmental Quality. (1977). *The Evolution of Wildlife Law*. U.S. Government Printing Office, Washington, DC. 485 pp.
- Christy Jr., F.T. (1978). "The Costs of Uncontrolled Access in Fisheries." *Limited Entry as a Fishery Management Tool*, proceedings of a national conference, Denver, 1978, R.B. Rettig and J.J.C. Ginter, eds., University of Washington Press, Seattle, WA. pp. 201-210.
- Fritz, L.W., Greig, A., and Reuter, R.F. (1998). "Catch-per-unit, length, and depth distributions of major groundfish and bycatch species in the Bering Sea, Aleutian Islands, and Gulf of Alaska regions based on groundfish observer data." NOAA Technical Memorandum, NMFS-AFSC-88, U.S. Department of Commerce p.179.
- Ginter, J.J.C., and Rettig, R.B. (1978). "Limited Entry Revisited." *Limited Entry as a Fishery Management Tool*. R.B. Rettig and J.J.C. Ginter, eds., University of Washington Press, Seattle, WA. pp. 157-172.
- Gunderson, D.R. (1993). *Surveys of Fisheries Resources*. John Wiley and Sons, Hoboken, N.J. 298 pp.
- Koers, A.W. (1973). *International Regulation of Marine Fisheries: A Study of Regional Fisheries Organizations*. Fishing News (Books) Ltd., London. 368 pp.
- Mitchell, D.C. (1997). *Sold American: The Story of Alaska Natives and Their Land*. University Press of New England, Hanover. 476 pp.
- NMFS (1998i). "Final Supplemental Environmental Impact Statement: Groundfish Total Allowable Catch Specifications and Prohibited Species Catch Limits Under the Authority of the Fishery Management Plans for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area and Groundfish of the Gulf of Alaska." U.S. DOC, NOAA, NMFS, P.O. Box 21668, Juneau, AK 99802-1668.
- NMFS (1998j). "Endangered Species Act Section 7 Biological Opinion: Fisheries Management Plan for the Bering Sea and Aleutian Islands and Gulf of Alaska Groundfish Fisheries and the 1999 Total Allowable Catch Specification and its Effects to Steller Sea Lions.", U.S. DOC, NOAA, NMFS, P.O. Box 21668, Juneau, AK 99802-1668.
- NMFS (1998k). "Revised Reasonable and Prudent Alternative for the 1998 Biological Opinion on NMFS" Authorization of a Pollock Fishery Under the BSAI Groundfish Fishery Management Plan, and Authorization of a Pollock Fishery Under the Gulf of Alaska Groundfish Fishery Management Plan." U.S.DOC, NOAA, NMFS, 1315 East West Highway, Silver Spring, MD 20910.
- NMFS (1999d). "Revised Final Reasonable and Prudent Alternative for the 1998 Biological Opinion on NMFS' Authorization of a Pollock Fishery Under the BSAI Groundfish Fishery Management Plan, and Authorization of a Pollock Fishery Under the Gulf of Alaska Groundfish Fishery Management Plan." U.S.DOC, NOAA, NMFS, P.O. Box 21668, Juneau, AK 99802-1668.
- NMFS (2000a). Section 7 Consultation on the Authorization of the Bering Sea and Aleutian Islands Groundfish Fishery Under the BSAI FMP and the Authorization of the Gulf of Alaska Groundfish Fishery Under the GOA FMP. U.S.DOC, NOAA, NMFS, Office of Protected Resources Alaska Region, P.O. Box 21668, Juneau, AK 99802-1668.
- NMFS (2001a). "Alaska Groundfish Fisheries Draft Programmatic Supplemental Environmental Impact Statement." U.S.DOC, NOAA, NMFS; Alaska Region, P.O. Box 21668, Juneau, AK 99802-1668.

Chapters 1 and 2

- NMFS (2001b). “Steller Sea Lion Protection Measures Final Environmental Impact Statement.” U.S. DOC, NOAA, NMFS, Alaska Region, P.O. Box 21668, Juneau, AK 99802-1668.
- NMFS (2001c). Section 7 Consultation on the Authorization of Bering Sea/Aleutian Islands groundfish fisheries based on the Fishery Management Plan for the Bering Sea/Aleutian Islands groundfish as modified by Amendments 61 and 70; and authorization of Gulf of Alaska groundfish fisheries based on Fishery Management Plan for groundfish of the Gulf of Alaska as modified by Amendments 61 and 70; and parallel fisheries for Pollock, Pacific cod, and Atka mackerel, as authorized by the State of Alaska within three nm of shore. U.S.DOC, NOAA, NMFS, Alaska Region, P.O. Box 21668, Juneau, AK 99802-1668.
- NMFS Ecosystem Principles Advisory Panel. (1999). Ecosystem-Based Fishery Management: A report to congress by the ecosystems principals advisory panel. U.S. DOC, NOAA, NMFS, 1315 East West Highway, Silver Spring, MD 20910.
- NPFMC (1978). “Final Environmental Impact Statement for the Gulf of Alaska Groundfish Fishery during 1978.” North Pacific Fishery Management Council (NPFMC), 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC (1981). “Final Environmental Impact Statement for the Groundfish of the Bering Sea and Aleutian Islands Area.” North Pacific Fishery Management Council (NPFMC) 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- National Research Council. (1999). Sharing the Fish: Toward a National Policy on Individual Fishing Quotas. National Academy Press, Washington, DC.
- Price, R.E. (1990). The Great Father in Alaska: The Case of the Tlingit and Haida Salmon Fishery. First Street Press, Douglas, AK. 203 pp.
- Rogers, G.W. (1960). Alaska in Transition: The Southeast Region. Johns Hopkins Press, Baltimore, MD.

Chapter 3

- Abraham, K.F., and Finney, G.H. (1986). "Eiders of the Eastern Canadian Arctic." Eider ducks in Canada, A.Reed, ed., Canadian Wildlife Service, Ottawa, Ontario.pp.55-73.
- Ackley, D., and Witherell, D. (1999). "Development of a marine habitat protection area in Bristol Bay, Alaska." Alaska Sea Grant College Program Report, 99-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.1-13.
- Adams, A.E. (1979). "Life history of the snow crab (*Chionoecetes opilio*), a literature review." Alaska Sea Grant Report, 78-13, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.141.
- Adams, P.B. (1980). Life history patterns in marine fishes and their consequences for fisheries management. Fish Bull.78(1):1-12.
- ADEC. (1993). "The Exxon Valdez Oil Spill." Final Report, State of Alaska, Department of Environmental Conservation, 410 Willoughby Avenue, Suite 105, Juneau, AK 99801.pp.184.
- ADEC. (2001). Quarterly Report of Oil and Hazardous Substance Response, January 1–March 31, 2001. Accessed on 21 June 2002 from website: <http://www.state.ak.us/dec/dspar/perp>
- ADF&G Commercial Fisheries. (2000). "Overview of Alaska's Herring Fisheries." Accessed on 22 September 2000 from website: <http://www.cf.adfg.state.ak.us/geninfo/finfish/herring/overview/overview.htm>
- ADF&G Division of Subsistence. (1997). Internet: <http://www.state.ak.us/local/akpages/FISH.GAME/subsist/subhome.htm>.
- ADF&G, Kruse, G.H., Funk, F.C., Geiger, H.J., Mabry, K.R., Savikko, H.M., and Siddeek, S.M.Division of Commercial Fisheries Interests. (2000h) "Overview of state-managed marine fisheries in the Central and Western Gulf of Alaska, Aleutian Islands and Southeastern Bering Sea." ADF&G Regional Information Report 5J00-10. ADF&G, P.O.Box 25526, Juneau, AK 99802-5526. Available on Division of Commercial Fisheries Internet: <http://www.cf.adfg.state.ak.us/geninfo/pubs/rir/5j00-10/5J00-10.pdf>.
- ADF&G, Wolfe, R.J., and Hutchinson-Scarborough, L.B. (1999). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1998." ADF&G Technical Paper, 250, prepared for the NMFS Service by the State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- ADF&G, Wolfe, R.J., and Mishler, C. (1995). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1994." ADF&G Technical Paper, 236, prepared for the NMFS by the State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- ADF&G, Wolfe, R.J., and Mishler, C. (1996). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1995." ADF&G Technical Paper, 238, prepared for the NMFS Service by the State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- ADF&G, Wolfe, R.J., and Mishler, C. (1997). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1996." ADF&G Technical Paper, 241, prepared for the NMFS by the State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- ADF&G, Wolfe, R.J., and Mishler, C. (1998). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1997." ADF&G Technical Paper, 246, prepared for the NMFS by the State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- ADF&G. (1991). "The subsistence harvest and use of Steller sea lions in Alaska." ADF&G Technical Paper, 198, ADF&G, P.O.Box 25526, Juneau, AK 99802.
- ADF&G. (1993a). "Annual Management Report for Bristol Bay Area." Regional Information Report, 2A94-01, ADF&G, Anchorage Regional Office, 333 Raspberry Road, Anchorage, AK 99518.
- ADF&G. (1993b). "The Exxon Valdez Oil Spill." Final Report, State of Alaska, ADEC, 410 Willoughby Avenue, Suite 105, Juneau, AK 99801. pp.184.

Chapter 3

- ADF&G. (1995). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1994." ADF&G Technical Paper, 236, Alaska Department of Fish and Game: prepared for the NMFS by the ADF&G, P.O.Box 25526, Juneau, AK 99802.
- ADF&G. (1996). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 1994." ADF&G Technical Paper, 238, Alaska Department of Fish and Game: prepared for the NMFS by the ADF&G, P.O.Box 25526, Juneau, AK 99802.
- ADF&G. (1997b). "Overview of information about subsistence uses of marine mammals in Aleutian/Pribilof Island Communities." ADF&G, Division of Subsistence, Anchorage, AK.
- ADF&G. (1998). "Commercial Fisheries Management Division Statewide 1997 Alaska Commercial Salmon Harvests ex-vessel values." Final Report, State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- ADF&G. (1999). "1999-2000 Commercial Shellfish Regulations." ADF&G, P.O.Box 25526, Juneau, AK 99802. pp.218.
- ADF&G. (2000a). Available on CD-ROM or online. Internet:
<http://www.state.ak.us/local/akpages/FISH.GAME/subsist/subhome.htm>
- ADF&G. (2000b). Available on CD-ROM or online. Internet:
<http://www.state.ak.us/local/akpages/FISH.GAME/subsist/subhome.htm>
- ADF&G. (2000c). Division of Commercial Fisheries Internet:
<http://www.cf.adfg.state.ak.us/geninfo/finfish/herring/overview/overview.htm>
- ADF&G. (2000d). Division of Commercial Fisheries Internet:
<http://www.cf.adfg.state.ak.us/geninfo/finfish/herring/forecast/00%5F4cast.htm>
- ADF&G. (2000e). Division of Commercial Fisheries Internet:
<http://www.cf.adfg.state.ak.us/geninfo/finfish/herring/catchval/2kFBcatc.htm>
- ADF&G. (2000f). Division of Commercial Fisheries Internet:
<http://www.cf.adfg.state.ak.us/geninfo/finfish/salmon/catchvalblusheet/99exvesl.htm>
- ADF&G. (2000g). Division of Wildlife Conservation Internet:
<http://www.state.ak.us/local/akpages/FISH.GAME/wildlife/geninfo/game/extinct.htm>
- ADF&G. (2001). Alaska Subsistence Fisheries 1999 Annual Report. Division of Subsistence, ADF&G, Juneau, AK.
- ADF&G. (2001a). "The subsistence harvest of Harbor seal and sea lion by Alaska natives in 2000." ADF&G Technical Paper, 266, ADF&G: prepared for the NMFS by the ADF&G, P.O.Box 25526, Juneau, AK 99802
- ADF&G. (2001b). "Community Profile Database 3.11." Available on CD-ROM or can be downloaded from the ADF&G website, ADF&G, Division of Subsistence, Anchorage, AK.
- ADF&G. (2002). 2002 Alaska Commercial Salmon Harvests - Exvessel Values. Available on-line at <http://www.cf.adfg.state.ak.us/geninfo/finfish/salmon/catchval/blusheet/02exvesl.pdf>. Accessed June 13, 2002.
- ADF&G. (11 December 2002a). Central Region: Lower Cook Inlet (Lower Cook Inlet Salmon, Herring, Shellfish and Groundfish). Accessed 19 December 2002. <http://www.cf.adfg.state.ak.us/region2/lcihome.htm>
- ADF&G. (11 December 2002b). Central Region: Prince William Sound (Copper River Salmon and Prince William Sound Salmon, Herring, Shellfish & Groundfish). Accessed 19 December 2002. <http://www.cf.adfg.state.ak.us/region2/pwshome.htm>
- AFSC workshop. (September 2000).

Chapter 3

- AFSC. (1997). 1997 Longline Sablefish Survey of the Gulf of Alaska and Eastern Bering Sea. Accessed on November 20, 2002 from website: <http://www.afsc.noaa.gov/Publications/surveyrpts.htm>
- AFSC. (1998). 1998 Longline Sablefish Survey of the Gulf of Alaska and Eastern Aleutians. Accessed on November 20, 2002 from website: <http://www.afsc.noaa.gov/Publications/surveyrpts.htm>
- AFSC. (1999). 1999 Longline Sablefish Survey of the Gulf of Alaska and Eastern Bering Sea. Accessed on November 20, 2002 from website: <http://www.afsc.noaa.gov/Publications/surveyrpts.htm>
- AFSC. (2000). 2000 Longline Sablefish Survey of Gulf of Alaska and Eastern Aleutian Islands. Accessed on November 20, 2002 from website: <http://www.afsc.noaa.gov/Publications/surveyrpts.htm>
- AFSC. (2001). 2001 Longline Sablefish Survey of Gulf of Alaska and Eastern Aleutian Islands. Accessed on November 20, 2002 from website: <http://www.afsc.noaa.gov/Publications/surveyrpts.htm>
- Agardy, M.T. (1994). "Advances in marine conservation: The role of marine protected areas." *Trends in Ecology and Evolution*, 9, pp.267-270.
- Agler, B.A., and Kendall, S.J. (1997). "Marine bird and sea otter population abundance of Prince William Sound, Alaska: trends following the T/V Exxon Valdez Oil Spill, 1989-96." Exxon Valdez Oil Spill Restoration Project Final Report, (Restoration Project 996149), U.S. Department of the Interior, Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503. pp.152.
- Agler, B.A., Kendall, S.J., and Irons, D.B. (1998). "Abundance and distribution of marbled and Kittlitz's murrelets in southcentral and southeast Alaska." *Condor*, 100, pp.254-265.
- Agler, B.A., Kendall, S.J., Irons, D.B., and Klosiewski, S.P. (1999). "Declines in marine bird populations in Prince William Sound, Alaska, coincident with a climatic regime shift." *Waterbirds*, 22(1), pp.98-103.
- Agnew, D.J., Nolan, C.P., and Des Clers, S. (1998). "On the problem of identifying and assessing populations of Falkland Islands squid *Loligo gahi*." *Cephalopod biodiversity, ecology, and evolution*, A.I.L. Payne, M.R. Lipinski, M.R. Clark, and M.A.C. Roeleveld, eds., *S. Afr. J. Mar. Sci.*, pp.59-66.
- Agnew. (1999). "Multispecies skate assessments in the falklands." *Canadian Journal*.
- Ainley, D.G., and Sanger, G.A. (1979). "Trophic relations of seabirds in the northeastern Pacific Ocean and Bering Sea." *Wildlife Research Report*, 11, U.S. Fish and Wildlife Service. pp.95-122.
- Akenhead, S.A., Carscadden, J., Lear, H., Lilly, G.R., and Wells, R. (1982). "Cod-capelin interactions off northeast Newfoundland and Labrador." *Multispecies approaches to fisheries management advice*, M.C. Mercer, ed., pp.141-148.
- Alaska Commercial Fisheries Entry Commission. (1999). *Changes under Alaska's Sablefish IFQ Program 1995 to 1998*. Alaska Commercial Fisheries Entry Commission, Juneau.
- Alaska Department of Community and Economic Development. (2002). *Alaska Community Database Online, Community Information Summaries*. Alaska Department of Community and Economic Development website. http://www.dced.state.ak/cbd/commdb/CF_CIS.htm
- Alaska Department of Labor and Workforce Development. (2003). *About Seafood Processing Jobs*. http://www.labor.state.ak.us/esd_alaska_jobs/process.htm
- Alaska Fisheries Development Foundation. (1999). "Surviving the Great Escape." *Lodestar*, May 1999.
- Alaska Fisheries Science Center (AFSC) Resource Assessment and Conservation Engineering (RACE) Department. (2000). *2000 Groundfish Assessment Survey of Aleutian Islands Region. Quarterly Report for Oct-Nov-Dec 2000*, prepared by Harold Zenger. Accessed on November 20, 2002 from website: <http://www.afsc.noaa.gov/Quarterly/ond2000/divrptsRACE.htm#groundfish>

Chapter 3

- Alaska Sea Grant. (1993). "Is it food?" Alaska Sea Grant Report, 93-1, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.59.
- Alaska Seafood Marketing Institute. (Undated a).Alaska pollock: The better value whitefish.http://24.237.23.22/foodservice/whitefish_pollock.htm
- Alaska Seafood Marketing Institute. (Undated b).Alaska cod.http://24.237.23.22/foodservice/whitefish_cod.htm
- Alaska Seafood. (2001). Annual Report on the U.S.Seafood Industry."What's New?" <http://www.alaskaseafood.org/foodservice/enews.htm>
- Albers, H., Fisher, A., and Hanemann, W. (1996). Valuation of tropical forests: implications of uncertainty and irreversibility.Environmental and Resource Economics 8:39-61.
- Albers, W.D., and Anderson, P.J. (1985). "Diet of Pacific cod, *Gadus macrocephalus*, and predation on the northern pink shrimp, *Pandalus borealis*, in Pavlov Bay, Alaska." Fishery Bulletin, 83(4), pp.601-610.
- Alderdice, D.F., and Forrester, C.R. (1968). "Some effects of salinity and temperature on early development and survival of the English sole (*Parophrys vetulus*)." Journal of the Fisheries Research Board of Canada, 25(3), pp.495-521.
- Alexander, K., Robertson, G., and Gales, R. (1997a). "The incidental mortality of albatrosses in longline fisheries." A report on the Workshop from the First International Conference on the Biology and Conservation of Albatrosses, Hobart, Australia.
- Alexander, S.A., Dickson, D.L., and Westover, S.E. (1997b). "Spring migration of eiders and other waterbirds in offshore areas of the western Arctic." King and common eiders of the western Canadian Arctic, D.L.Dickson, ed., Canadian Wildlife Service, Ottawa, Ontario, pp.6-20.
- Allen, K.R. (1980). "Conservation and Management of Whales." University of Washington Press, Seattle, WA.
- Allen, M.J., and Smith, G.B. (1988). "Atlas and zoogeography of common fishes in the Bering Sea and northeastern Pacific." NOAA Technical Report, NMFS 66, U.S. DOC, NOAA.pp.151.
- Allison, G., Lubchenko, J., and Carr, M.H. (1998). "Marine reserves are necessary but not sufficient for marine conservation." Ecological Applications, 8(1 Supplement:), pp.S79-S92.
- Alton, M.S., and Megrey, B.A. (1986). "Condition of the walleye pollock resource of the Gulf of Alaska as estimated in 1985." NOAA Technical Memorandum, NMFS F/NWC-106, U.S. DOC, NOAA.
- Alton, M.S., and Sample, T.M. (1976). "Rock sole (Family Pleuronectidae)." pp.461-474. In: Demersal fish and shellfish resources in the Bering Sea in the baseline year 1976. Principal investigators Walter T.Pereyra, Jerry E.Reeves, and Richard Bakkala. U.S.DOC, NOAA, NMFS, Northwest and Alaska Fish Center, Seattle, WA .Processed Rep., pp 619.
- Alton, M.S., Bakkala, R.G., Walters, G.E., and Munro, P.T. (1988). "Greenland turbot, *Rheinhardtius hippoglossoides*, of the Eastern Bering Sea and Aleutian Islands." NOAA Technical Report, NMFS 71, U.S.DOC, NOAA. pp.31.
- Alverson, D.L. (1992). "A review of commercial fisheries and the Steller sea lion (*Eumetopias jubatus*): The conflict arena." Reviews in Fisheries Science, 6(3,4), pp.203-256.
- Alverson, D.L., and Carney, M.J. (1975). "A graphic review of the growth and decay of population cohorts." Journal du conseil/ Conseil international pour l'exploration de la mer, 36, pp.133-143.
- Alverson, D.L., Pruter, A.T.and Ronholt, L.L. (1964). A study of demersal fishes and fisheries in the northeastern Pacific Ocean.H.R.MacMillan Lectures in Fisheries, University of British Columbia, Inst.Fish.,Vancouver, B.C., Canada, pp 190.

Chapter 3

- Ambrose, D.A. (1996). Macrouridae: grenadiers. pp.483-499. In H.G.Moser (ed.) The early stages of fishes in the California Current region. California Cooperative Oceanic Fisheries Investigations (CalCOFI) Atlas No.33. pp. 1505.
- American Ornithologists' Union. (1998). Check-list of North American birds, American Ornithologists' Union, Washington, DC.
- Amino, M., and Miyazaki, N. (1992). "Geographic variation and sexual dimorphism in the skull of Dall's porpoise, *Phocoenoides dalli*." Marine Mammal Science, 8, pp.240-261.
- Anderson, D.J., Fernandez, P., Cousins, K.L., and Sievert, P.R. (2000). "Foraging destinations of breeding Laysan and Black-footed albatrosses in relation to longline fishery activity." Second International Conference on the Biology and Conservation of Albatrosses and other Petrels, Honolulu, HI.
- Anderson, E.D. (1990). Fishery models as applied to elasmobranch fisheries. Pages 473-484. In H.L.Pratt, Jr.S.H.Gruber, and T.Taniuchi, eds.Elasmobranchs as living resources: advances in the biology, ecology, systematics, and the status of fisheries. NOAA Tech.Rep NMFS 90.
- Anderson, L. (1977). The Economics of Fisheries Management. The John Hopkins University Press, Baltimore.
- Anderson, L. (1986). The Economics of Fisheries Management (Revised). The John Hopkins University Press, Baltimore.
- Anderson, L.G. (1989). "Enforcement Issues in Selecting Fisheries Management Policy." Marine Resource Economics, 6(3), pp.261-277.
- Anderson, P.J., and Piatt, J.F. (1999). "Community reorganization in the Gulf of Alaska following ocean climate regime shift." Marine Ecology Progress Series, 189, pp.117-123.
- Anderson, P.J., Blackburn, J.E., and Johnson, B.A. (1997). "Declines of Forage Species in the Gulf of Alaska, 1972-1995, as an Indicator of Regime Shift." Alaska Sea Grant College Program Report, 97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.531-544.
- Andrews, A.H., Cailliet, G.M., and Coale, K.H. (1999). "Age and growth of Pacific grenadier (*Coryphaenoides acrolepis*) with age estimate validation using an improved radiometric ageing technique." Canadian Journal of Fisheries and Aquatic Science, 56, pp.1339-1350.
- Andrews, A.H., Cordes, E.E., Mahoney, M.M., Munk, K., Coale, K.H., Cailliet, G.M. and Heifetz, J. (2002). Age, growth, and radiometric age validation of a deep-sea, habitat forming gorgonian (*Primnoa resedaeformis*) from the Gulf of Alaska. Hydrobiologia 471:101-110.
- Angermeier, P.L., and Karr, J.R. (1994). "Biological integrity versus biological diversity as policy directives." BioScience, 44, pp.690-697.
- Angliss, R.P., Lopez, A., and DeMaster, D.P. (2001). "Draft Alaska Marine Mammal Stock Assessments, 2001." National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115. pp.181.
- Angliss, R.P., and Lodge, K.L. (2002). "Alaska Marine Mammal Stock Assessments, 2002." National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115. pp.203
- Anthony, J.A., and Roby, D.D. (1997). "Variation in lipid content of forage fishes and its effect on energy provisioning rates to seabird nestlings." Alaska Sea Grant Report, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.725-729.
- Antonelis Jr, G.A., Lowry, M.S., Fiscus, C.H., Stewart, B.S., and DeLong, R.L. (1995). Elephant seals, B.J.LeBoeuf and R.M.Laws, eds., U.C.Press, Berkeley, pp.211-223.

Chapter 3

- Antonelis, G.A., Lowry, M.S., DeMaster, D.P., and Fiscus, C.H. (1987). "Assessing northern elephant seal feeding habits by stomach lavage." *Marine Mammal Science*, 3, pp.308-322.
- Antonelis, G.A., Melin, S.R., and Bukhtiyarov, Y.A. (1994). "Early spring feeding habits of bearded seals (*Erignathus barbatus*) in the central Bering Sea, 1981." *Arctic*, 47, pp.74-79.
- Antonelis, G.A., Sinclair, E.H., Ream, R.R., and Robson, B.W. (1997). "Inter-island variation in the diet of female northern fur seals (*Callorhinus ursinus*) in the Bering Sea." *Journal of Zoology* (London), 242, pp.435-451.
- Aquatic Nuisance Species Task Force. (1994). "Findings, conclusions, and recommendations of the intentional introductions policy review." Report to Congress, U.S. Department of the Interior, Fish and Wildlife Service and U.S.DOC, NOAA. pp.53.
- Archibald, C.P., Shaw, W., and Leaman, B.M. (1981). "Growth and mortality estimates of rockfishes (*Scorpaenidae*) from B.C. coastal waters, 1977-79." *Canadian Technical Report of Fisheries and Aquatic Sciences*, 1048, pp.57.
- Arkhipkin, A.I., Bizikov, V.A., Krylov, V.V., and Nesis, K.N. (1996). "Distribution, stock structure, and growth of the squid *Beryteuthis magister* (Berry, 1913) (*Cephalopoda* *Gonatidae*) during summer and fall in the western Bering Sea." *Fishery Bulletin*, 94(1), pp.1-30.
- Armstrong, D.A., Armstrong, J.L., Palacios, R., Williams, G., Jensen, G.C., and Pearson, W. (1985). "Early life history of juvenile blue king crab, *Paralithodes platypus*, around the Pribilof Islands." *Alaska Sea Grant Report*, 85-12, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.211-248.
- Armstrong, D.A., Wainwright, T.C., Jensen, G.C., Dinnel, P.A., and Anderson, H.B. (1993). "Taking refuge from bycatch issues: Red king crab (*Paralithodes camtschaticus*) and trawl fisheries in the eastern Bering Sea." *Canadian Journal of Fisheries and Aquatic Science*, 50, pp.1993-1999.
- Armstrong, J.L., Armstrong, D.A., and Mathews, S.B. (1995). "Food habits of estuarine staghorn sculpin, *Leptocottus armatus*, with focus on consumption of juvenile Dungeness crab, *Cancer magister*." *Fish. Bull.* 93:456-470.
- Aron, W., Burke, W., and Freeman, M. (2000). The whaling issue. *Marine Policy* 24(3):179-191.
- Arrow, K., Solow, R., Portney, P., Leamer, E., Radner, R., and Schuman, H. (1993). Report of the NOAA Panel on Contingent Valuation. *Federal Register* 58(10):4601-4614.
- Arsen'ev, V.A. (1941). The feeding of the ribbon seal (*Histiophoca fasciata* Zimm.), A.D.o.F.a.G. Translated from Russian by J.J.Burns, Fairbanks, AK, 1977, 8 pp., translator. 121-127 pp.
- Artukhin, Y.B., V.N.Burkanov, and P.S.Vyatkin, 2000. Incidental mortality of seabirds in the salmon gillnet fishery in the Russian Far East, 1993-98. In: Workshop on seabird incidental catch in the waters of arctic countries. Chardine, J.W., J.M.Porter, and K.D.Wohl (eds.). *Conservation of Arctic Flora and Fauna*, Technical Report No.7, Arctic Council.
- Ashmole, N.P., and Ashmole, M.P. (1967). "Comparative feeding ecology of seabirds of a tropical oceanic island." *Bulletin. Peabody Museum of Natural History* (Yale University), 24, pp.1-131.
- Ashwell-Erickson, S., and Elsner, R. (1981). "The energy cost of free existence for Bering Sea harbor and spotted seals." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D.E.Hood and J.A.Calder, eds., Office of Marine Pollution Assessment, NOAA, University of Washington Press, Seattle, WA, pp.869-899.
- Assessment of the NPMC, Regulatory Changes in the Groundfish and Crab Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Islands. Prepared for the North Pacific Fishery Management Council.

Chapter 3

- Auman, H.J., Ludwig, J.P., Giesy, J.P., and Colborn, T. (1997). "Plastic ingestion by Laysan albatross chicks on Sand Island, Midway Atoll, in 1994 and 1995." *Albatross Biology and Conservation*, G.Robertson and R.Gales, eds., Surrey Beatty & Sons, Chipping Norton, NSW, Australia, pp.239-244.
- Auster, P.J., and Langton, R.W. (1999). "The effects of fishing on fish habitat." *Fish habitat: Essential Fish Habitat and Rehabilitation*, L.R.Benaka, ed., American Fisheries Symposium, Bethesda, MD, pp.150-187.
- Aydin, K.Y., Lapko, V.V., Radchenko, V.I., and Livingston, P.A. (2002). A comparison of the eastern Bering Sea and western Bering Sea shelf and slope ecosystems through the use of mass-balance food web models. U.S.DOC, Seattle, WA. NOAA Technical Memorandum NMFS-AFSC-130. pp.78.
- Backus, R.H., and Schevill, W.E. (1961). The stranding of a Cuvier's beaked whale (*Ziphius cavirostris*) in Rhode Island, USA, *American Fisheries Symposium*, Bethesda, MD.177-181 pp.
- Baduini, C.L., Hunt Jr, G.L., and Hyrenbach, K.D. (1998). "Die-off and starvation of short-tailed shearwaters (*Puffinus tenuirostris*) in relation to prey availability in the eastern Bering Sea." *Pacific Seabirds*, 25(1), pp.21.
- Baduini, C.L., Hyrenbach, K.D., Coyle, K.O., Pinchuk, A., Mendenhall, V., and Hunt Jr, G.L. (2000). "Mass mortality of short-tailed shearwaters in the eastern Bering Sea during summer 1997." *Fisheries Oceanography*, In press.
- Bailey, A.M. (1928). "An unusual migration of the spotted and ribbon seals." *Journal of Mammalogy*, 9, pp.250-251.
- Bailey, E.P. (1993). "Introduction of foxes to Alaskan islands--history, effects on avifauna, and eradication." *Resource Publication*, 193, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.53.
- Bailey, E.P., and Davenport, G.H. (1972). "Die-off of common murrelets on the Alaska Peninsula and Unimak Island." *Condor*, 74, pp.215-219.
- Bailey, E.P., and Kaiser, G.W. (1993). "Impacts of introduced predators on nesting seabirds in the northeast Pacific." *The status, ecology, and conservation of marine birds of the North Pacific*, K.Vermeer, T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service, pp.218-226.
- Bailey, K. (1989a). "Interaction between the vertical distribution of juvenile walleye pollock *Theragra chalcogramma* in the eastern Bering Sea, and cannibalism." *Marine Ecology Progress Series*, 53, pp.205-213.
- Bailey, K.M., and Macklin, S.A. (1994). "Analysis of patterns in larval walleye pollock (*Theragra chalcogramma*) survival and wind mixing events in Shelikof Strait, Gulf of Alaska." *Marine Ecology Progress Series*, 113, pp.1-12.
- Bailey, K.M., Brodeur, R.D., and Hollowed, A.B. (1996). "Cohort survival patterns of walleye pollock, *Theragra chalcogramma*, in Shelikof Strait, Alaska: a critical factor analysis." *Fisheries Oceanography*, 5(Suppl.1), pp.179-188.
- Bailey, K.M., Quinn II, T.J., Bentzen, P., and Grant, W.S. (1999). "Population structure and dynamics of walleye pollock." *Advances in Marine Biology*, 37, pp.179-255.
- Bailey, K.M., Stabenho, P.J., and Powers, D.A., (1997). The role of larval retention and transport features in mortality and potential gene flow of walleye pollock. *J.Fish.Biol.*51(Suppl.A): pp.135-154.
- Bailey, R.S. (1989). Interactions between fisheries, fish stocks and seabirds. *Mar.Pollut.Bull.*20(9):427-430.

Chapter 3

- Baird, P.A., and Gould, P.J. (1986). The breeding biology and feeding ecology of marine birds in the Gulf of Alaska, NOAA, Outer Continental Shelf Environmental Assessment Program, 121-503 pp.
- Baird, P.H. (1990). "Influence of abiotic factors and prey distribution on diet and reproductive success of three seabird species in Alaska." *Ornis Scandinavica*, 21, pp.224-235.
- Baird, R.W., and Hanson, M.B. (1997). Status of the northern fur seal, *Callorhinus ursinus*, in Canada. *Can.Field-Naturalist* 111(2):263-269.
- Baird, R.W. 2000. The killer whale - foraging specializations and group hunting. Chapter 5 in *Cetacean Societies: Field Studies of Dolphins and Whales*. Edited by J.Mann, R.C.Connor, P.L Tyack and H.Whitehead. University of Chicago Press. pp. 432.
- Baker, C.S., and Herman, L.M. (1987). "Alternative population estimates of humpback whales (*Megaptera novaeangliae*) in Hawaiian waters." *Canada Journal Zoology*, 65, pp.2818-2821.
- Baker, C.S., Herman, L.M., Perry, A., Lawton, W.S., Straley, J.M., Wolman, A.A., Kaufman, G.D., Winn, H.E., Hall, J.D., Reinke, J.M., and Ostman, J. (1986). "Migratory movement and population structure of humpback whales (*Magaptera novaeangliae*) in the central and eastern North Pacific." *Marine Ecology Progress Series*, 31, pp.105-119.
- Baker, C.S., Medrano-Gonzalez, L., Calambokidis, J., Perry, A., Pichler, F., Rosenbaum, H., Straley, J.M., Urban-Ramirez, J., Yamaguchi, M., and von Ziegesar, O. (1998). "Population structure of nuclear and mitochondrial DNA variation among humpback whales in the North Pacific." *Molecular Ecology*, 7, pp.695-707.
- Baker, C.S., Palumbi, S.R., Lambertsen, R.H., Weinrich, M.T., Calambokidis, J., and O'Brien, S.J. (1990). "Influence of seasonal migration on geographic distribution of mitochondrial DNA haplotypes in humpback whales." *Nature*, 344, pp.238-240.
- Bakkala, R.G. (1984). "Pacific cod of the eastern Bering Sea." *International North Pacific Fisheries Commission Bulletin*, 42, pp.157-179.
- Bakkala, R.G. (1993). "Structure and historical changes in the groundfish complex of the eastern Bering Sea." NOAA Technical Report, NMFS 114, U.S. DOC, NOAA. pp.91.
- Bakkala, R.G., Traynor, J., Teshima, K., Shimada, A.M., and Yamaguchi, H. (1985). "Results of cooperative U.S.-Japan groundfish investigations in the eastern Bering Sea during June-November 1982." NOAA Technical Memorandum, NMFS F/NWC-87, U.S. DOC, NOAA. pp.448.
- Balanov, A.A., Gorbatenko, K.M., and Efimkin, A.Y. (1995). "Foraging dynamics of mesopelagic fishes in the Bering Sea during summer and autumn." *Journal of Ichthyology*, 35(3), pp.65-77.
- Balcomb, K.D. (1989). "Baird's beaked whale, *Berardius bairdii* Stejneger, 1993: Arnoux's beaked whale *Iberardius arnouxii* Douvrenoy, 1851." *Handbook of Marine Mammals: River Dolphins and the Larger Toothed Whales*, S.H.Ridgway and R.Harrison, eds., Academic Press, New York, pp.261-288.
- Bancroft, H.H. (1886). *The Works of Hubert Howe Bancroft*. Vol.33: History of Alaska, 1730-1885. San Francisco: A.L.Bancroft & Co. 775 pp.
- Bancroft, H.H. (1959). *History of Alaska, 1730-1885*, Antiquarian Press Ltd., New York. 775 pp.
- Bannikov, A.G., Darevsky, I.S., and Rustamov, A.K. (1971). *Zemnovodni presmikaushcienya USSR*, Izdatelstvo "Misi", Moscow. 204 pp.
- Baretta, L., and G.L.Hunt, Jr. 1994. Changes in the numbers of cetaceans near the Pribilof Island, Bering Sea, between 1975-78 and 1987-89. *Arctic* 47:321-326.

Chapter 3

- Barlow, J., Forney, K.A., Hill, P.S., Brownell Jr, R.L., Carretta, J.V., DeMaster, D.P., Julian, F., Lowry, M.S., Ragen, T., and Reeves, R.R. (1997). "U.S.Pacific Marine Mammal Stock Assessments: 1996." NOAA Technical Memorandum, NMFS-SWFSC-248, U.S. DOC, NOAA. pp.223.
- Barlow, J., Swartz, S.L., Eagle, T.C., and Wade, P.R. (1995). "U.S.marine mammal stock assessments: guidelines for preparation, background, and a summary of the 1995 assessments." NOAA Technical Memorandum, NMFS-OPR-6, U.S. DOC, NOAA. pp.73.
- Barnes, R.T. (1987). Invertebrate Zoology, 5th ed.Saunders College Publishing, Fort Worth.893 pp.
- Barracough, W.E. (1967). "Data Record.Number, size and food of larval and juvenile fish caught with a two boat surface trawl in the Strait of Georgia." Fisheries Research Board Can.MS Rep.Ser., 922. pp.54.
- Barracough, W.E., Robinson, D.G., and Fulton, J.D. (1968). "Data Record.Number, size composition, weight, and food of larval and juvenile fish caught with a two-boat surface trawl in Saanich Inlet, April 23 - July 21, 1968." Fisheries Research Board of Canada.MS Report Series, 1004, pp.305.
- Barrett, R.T., Anker-Nilssen, Rikardsen, R., Valde, K., Rov, N., and Vader, W. (1987). "The food, growth and fledging success of Norwegian Puffin chicks *Fratercula arctica* in 1980-1983." *Ornis Scandinavica*, 18, pp.73-83.
- Barrett, T. (2000). Department of Transportation U.S.Coast Guard statement of Rear Admiral Thomas J.Barrett, Commander, Seventeenth Coast Guard District, on the Magnuson-Stevens Fishery Conservation and Management Act before the Subcommittee on Oceans and Fisheries, Committee on Commerce, Science, and Transportation, United States Senate, Anchorage, AK January 18, 2000.
- Barry, T.W. (1986). "Eiders of the western Canadian Arctic." Eider ducks in Canada, A.Reed, ed., Canadian Wildlife Service, pp.74-80.
- Baumgartner, T.R., Soutar, A.and Ferreira-Bartrina, V. (1992). Reconstruction of the history of Pacific sardine and northern anchovy populations over the past two millennia from sediments of the Santa Barbara basin, California. CalCOFI Rep.33:24-40.
- Bellrose, F.C. (1980). Ducks, geese and swans of North America, Stackpole Books, Harrison, PA.540 pp.
- Bennett, B.A., and Atwood, C.G. (1993). "In defence of De Hoop Marine Reserve.Fish, Fishers and Fisheries." Proceedings of the second annual South African marine linefish symposium held in Durban 23-24 October 1992, pp.175-176.
- Berger, J.D. (1999). "Incidental catches of salmonids by U.S.groundfish fisheries in the Bering Sea/Aleutian Islands, Gulf of Alaska, and the Pacific Coast, 1990-1999." Document submitted to the Annual Meeting of the NPAFC, October 1999, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115, Juneau, AK.
- Berger, J.D., and Armistead, C.E. (1987). "Discarded net material in Alaskan waters, 1982-84." NOAA Technical Memorandum, NMFS F/NWC-110, U.S. DOC, NOAA. pp.66.
- Bering Sea Coalition. (1999). "Wisdom Keepers of the North: Vision, Healing and Stewardship for the New Millennia." Conference Final Report, Bering Sea Coalition, P.O.Box 773556, Chugiak, AK 99577.pp.116.
- Berkes, F., Feeny, D., and McCay, B.J. (1989). "The Benefits of the Commons." *Nature*, 340 (6229, July 13), pp.91-93.
- Berrens, R., Brookshire, D., McKee, M., and Schmidt, C. (1998). Implementing the safe minimum standard approach: two case studies from the U.S.Endangered Species Act.*Land Economics* 74(2)147-161.

Chapter 3

- Bertram, D.F. (1995). The roles of introduced rats and commercial fishing in the decline of Ancient Murrelets on Langara Island, British Columbia. *Conservation Biology* 9: 865-872.
- Berzin, A.A., and Rovnin, A.A. (1966). "The distribution and migrations of whales in the northeastern part of the Pacific, Chukchi and Bering Seas." *Soviet Research on Marine Mammals of the Far East*, K.I.Panin, ed., pp.103-136.
- Bessonov, B., Mel'nikov, V.V., and Bobkov, V.A. (1990). "Distribution and migration of cetaceans in the Soviet Chukchi Sea." *Conference Proceedings, Third Information Transfer Meeting*, U.S.Minerals Management Service, Alaska OCS Reg., pp.25-31.
- Best, E.A., and St-Pierre, F. (1986). "Pacific halibut as predator and prey." *International Pacific Halibut Commission Technical Report*, 21, International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145.
- Bickham, J.W., Patton, J.C., and Loughlin, T.R. (1996). "High variability for control-region sequences in a marine mammal: Implications for conservation and biogeography of Steller sea lions (*Eumetopias jubatus*)." *Journal of Mammalogy*, 7, pp.95-108.
- Bigg, M.A. (1986). "Arrival of northern fur seals, (*Callorhinus ursinus*), on St.Paul Island, Alaska." *Fishery Bulletin*, 84, pp.383-394.
- Bigg, M.A., Ellis, G.M., Ford, J.K.B., and Balcomb, K.C. (1987). *Killer whales - a study of their identification, genealogy and natural history in British Columbia and Washington State*. Phantom Press, Nanaimo.
- Birkhead, T.R., and Furness, R.W. (1985). "Regulation of seabird populations." *British Ecological Society Symposium*, pp.145-167.
- Birt, V.L., Birt, T.P., Cairns, D.K., and Montevecchi, W.A. (1987). "Ashmole's halo: direct evidence for prey depletion by a seabird." *Marine Ecology Progress Series*, 40, pp.205-208.
- Bishop, R. (1987). *Economic values defined*. In D.Decker and G.Goff (eds.), *Valuing Wildlife: Economic and Social Perspectives*. Westview Press, Boulder, Colorado.
- Bishop, R. (1993). *Economic efficiency, sustainability and biodiversity*. *Ambio* 22(2-3):69-73.
- Bishop, R., and Welsh, M. (1992). *Existence values in benefit-cost analysis and damage assessments*. *Land Economics* 68(4):405-417.
- Black, K.P. and Parry, G.D. (1994). *Sediment transport rates and sediment disturbance due to scallop dredging in Port Phillip ay*. *Memoirs of the Queensland Museum* 36(2):327-341.
- Black, L.T. (1993). *Social Transition in the North*. Vol.1, No.3 (Working Papers): *Ethnographic Summary: The Aleutian-Pribilof Islands Region*. Anchorage: Inst.for Social and Economic Research, University of Alaska Anchorage.
- Blackburn, J.E., and Anderson, P.J. (1997). "Pacific sand lance growth, seasonal availability, movements, catch variability, and food in the Kodiak-Cook Inlet area of Alaska." *Alaska Sea Grant Report*, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.409-426.
- Blackburn, J.E., Anderson, K., Hamilton, C.I., and Starr, S.J. (1983). "Pelagic and demersal fish assessment in the Lower Cook Inlet estuary system." *Final Reports of Principle Investigators, Biological Studies, period ending February 1983*, NOAA/OCSEAP 17, OCSEAP.pp.107-382.
- Bockstoce, J.R. (1986). *Whales, ice and men: the history of whaling in the western Arctic*, University of Washington Press, Seattle, WA. 400 pp.
- Bockstoce, J.R., and Burns, J.J. (1993). *Commercial whaling in the North Pacific sector*. pp.563-577 in: J.J.Burns, J.J.Montague, and C.J.Cowles (eds.). *The bowhead whale*. *Soc.Mar.Mamm.Spec.Publ.*2, 787 pp.

Chapter 3

- Boden, B.P., Johnson, M.W., and Brinton, E. (1955). "The Euphausiacea (Crustacea) of the North Pacific." *Bulletin. Scripps Institution Oceanography, University of California*, 6(8), pp.287-400.
- Boehlert, G. (1996). "Biodiversity and the sustainability of marine fisheries." *Oceanography*, 9, pp.28-35.
- Boersma, P.D. (1998). "Population trends of the Galapagos Penguin: impacts of El Nino and La Nina." *Condor*, 100, pp.245-253.
- Boersma, P.D., and Groom, M.J. (1993). "Conservation of storm-petrels in the North Pacific." *The status, ecology, and conservation of marine birds of the North Pacific*, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service, pp.112-121.
- Bogoslovskaya, L.S., Votrogov, L.M., and Krupnik, I.I. (1982). "The bowhead whale off Chukotka: migrations and aboriginal whaling." *Report of the International Whaling Commission*, 32, pp.391-399.
- Bograd, S.J., Stabeno, P.J., and Schumacher, J.D. (1994). "A census of mesoscale eddies in Shelikof Strait, Alaska, during 1991." *Geophysical Research Letters*, 99, pp.18243-18254.
- Bohle, M.S. (1988). "Distribution of groundfish on the continental slope of the eastern Bering Sea as shown by U.S.-Japan cooperative surveys 1981-1985." *NWAFRC Processed Report*, 88-11, U.S. DOC, pp.148.
- Bond, N.A., Overland, J.E., and Turet, P. (1994). "Spatial and temporal characteristics of the wind forcing of the Bering Sea." *Journal of Climate*, 7, pp.1119-1130.
- Bonnell, M.L., Pierson, M.O., and Farrens, G.D. (1983). "Pinnipeds and sea otters of central and northern California, 1980-1983: status, abundance and distribution." *Final report for contract AA551-CT9-33 to U.S.Department of the Interior, Minerals Management Service Center for Marine Studies, University of California, Santa Cruz, CA.*
- Botkin, D.B. (1990). *Discordant Harmonies: A New Ecology for the Twenty-First Century*. Oxford: Oxford University Press. 241 pp.
- Bowen, J.T. (1970). "A History of Fish Culture as Related to the Development of Fishery Programs." *A Century of Fisheries in North America*, N.G.Benson, ed., American Fisheries Society, pp.71-93.
- Bowers, F., Soong, J., Granath, K., Cavin, M., and Lillo, C. (2001). *Annual Management Report for the Commercial and Subsistence Shellfish Fisheries of the Aleutian Islands*.
- Bowman, T.D., Stehn, R.A., and Scribner, K.T. (1997). "Glaucous gull predation of goslings on the Yukon-Kuskokwim Delta, Alaska." *Unpublished report, U.S.Fish and Wildlife Service, Migratory Bird Management, Anchorage, AK*. pp.59.
- Bowman, T.D., Stehn, R.A., and Walters, G. (1999). "Population size and production of geese and eiders nesting on the Yukon-Kuskokwim Delta, Alaska in 1999." *Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503*. pp.18.
- Boyle, P.R. (1983). *Cephalopod Life Cycles*. Vol.1. Academic Press, London. 475 pp.
- Bracken, B.E. (1983). "A history of the U.S.sablefish fishery in the Gulf of Alaska, 1906-1982." *Alaska Sea Grant Report*, 83-8, University of Alaska. pp.41-47.
- Bradstreet, M.S.W., and Brown, R.G.B. (1985). "Feeding ecology of the Atlantic Alcidae." *The Atlantic Alcidae*, D.N.Nettleship and T.R.Birkhead, eds., Academic Press, London, pp.264-318.
- Braham, H.W., and Dahlheim, M.E. (1982). "Killer whales in Alaska documented in the Platforms of Opportunity Program." *Report of the International Whaling Commission*, 32, pp.643-646.

Chapter 3

- Braham, H.W., Burns, J.J., Fedoseev, G.A., and Krogman, B.D. (1984). "Habitat partitioning by ice-associated pinnipeds: distribution and density of seals and walrus in the Bering Sea, April 1976." Soviet-American cooperative research on marine mammals, F.H.Fay and G.A.Fedoseev, eds., pp.25-47.
- Braham, H.W., Fraker, M.A., and Krogman, B.D. (1980). "Spring migration of the western Arctic population of bowhead whales." *Marine Fisheries Review*, 42(9-10), pp.36-46.
- Brander, K. (1981). "Disappearance of common skate *Raja batis* from Irish Sea." *Nature*, 290, pp.48-49.
- Braund, S.R., and Associates and Institute of Social & Economic Research. (1989a). "North Slope Subsistence Study: Barrow 1988." Technical Report, 135, Prepared for USDI-MMS, Alaska OCS Region (OCS Study/MMS 89-0077).
- Braund, S.R., and Associates and Institute of Social & Economic Research. (1989b). "North Slope Subsistence Study: Wainwright 1988." Technical Report, 136, Prepared for USDI-MMS, Alaska OCS Region (OCS Study/MMS 89-0078).
- Brechbill, R.A. (1977). "Status of the Norway rat." The environment of Amchitka Island, Alaska, M.L.Merritt and R.G.Fuller, eds., U.S.Energy Research and Development Administration, Technical Information Center, Oak Ridge, TN, pp.261-267.
- Breiwick, J.M., Eberhardt, L.L., and Braham H.W. (1984). Population dynamics of western Arctic bowhead whales (*Balaena mysticetus*). *Canadian Journal of Fisheries and Aquatic Sciences* 41:484-496.
- Brodeur, R.D., and Livingston, P.A. (1988). "Food habits and diet overlap of various eastern Bering Sea fishes." NOAA Technical Memorandum, NMFS F/NWC-127, U.S. DOC, NOAA, pp.76.
- Brodeur, R.D., and Merati, N. (1993). "Predation on walleye pollock (*Theragra chalcogramma*) eggs in the western Gulf of Alaska: the roles of vertebrate and invertebrate predators." *Marine Biology*, 117, pp.483-493.
- Brodeur, R.D., and Percy, W.G. (1984). "Food habits and dietary overlap of some shelf rockfishes (genus *Sebastes*) from the northeastern Pacific Ocean." *Fishery Bulletin*, 82(2), pp.269-294.
- Brodeur, R.D., and Wilson, M.T. (1996). "A review of the distribution, ecology, and population dynamics of age-0 walleye pollock in the Gulf of Alaska." *Fisheries Oceanography*, 5(Supplement 1), pp.148-166.
- Brodeur, R.D., Mills, C.E., Overland, J.E., Walters, G.E., and Schumacher, J.D. (1999). "Evidence for a substantial increase in gelatinous zooplankton in the Bering Sea, with possible links to climate change." *Fisheries Oceanography*, 8(4), pp.292-306.
- Brodeur, R.D., Wilson, M.T., Napp, J.M., Stabeno, P.J., and Salo, S. (1997). "Distribution of juvenile pollock relative to frontal structure near the Pribilof Islands, Bering Sea." Alaska Sea Grant Report, AK-SG-97-01, University of Alaska, Fairbanks, Alaska Sea Grant College Program, Fairbanks, AK 99775. pp.573-589.
- Bromley, D. (1992). "The Commons, Property, and Common-Property Regimes." *Making the Commons Work: Theory, Practice and Policy*, B.D.W., ed., ICS Press, San Francisco, CA, pp.3-15.
- Brooks, J.W. (1954). "A contribution to the life history and ecology of the Pacific walrus." Special Report, 1, Alaska Coop. Wildl. Res. Unit, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.103.
- Brothers, N. (1991). "Albatross mortality and associated bait loss in the Japanese longline fishery in the Southern Ocean." *Ocean.Biol.Conserv.*, 55, pp.255-268.
- Brothers, N., Cooper, J., and Lokkeborg, S. (1999a). "The Incidental Catch of Seabirds by Longline Fisheries: Worldwide Review and Technical Guidelines for Mitigation." *FAO Fisheries Circular*, 937, Food and Agriculture Organization of the United Nations, Rome. pp.100.

Chapter 3

- Brothers, N., Gales, R., and Reid, T. (1998). "Seabird interactions with longline fishing in the AFZ: 1996 seabird mortality estimates and 1988-1996 trends." Wildlife Report, 98/1, Parks and Wildlife Service, Tasmania. pp.27.
- Brothers, N., Gales, R., and Reid, T. (1999). "The influence of environmental variables and mitigation measures on seabird catch rates in the Japanese tuna longline fishery within the Australian Fishing Zone, 1991-1995." Biological Journal of the Linnean Society, 88, pp.85-101.
- Brothers, N., Gales, R., Hedd, A., and Robertson, G. (1998a). "Foraging movements of the shy albatross *Diomedea cauta* breeding in Australia: implications for interactions with longline fisheries." Ibis, 140, pp.446-457.
- Brown, E.D., Wang, J., Vaughan, S.L., and Norcross, B.L. (1999). "Identifying seasonal spatial scale for the ecological analysis of herring and other forage fish in Prince Williams Sound, Alaska." Ecosystem Approaches for Fisheries Management, pp.1-11.
- Brown, R.G.B., and Nettleship, D.N. (1984). "Capelin and seabirds in the northwest Atlantic." Marine birds: their feeding ecology and commercial fisheries relationships, D.N.Nettleship, G.A.Sanger, and P.F.Springer, eds., Canadian Wildlife Service, pp.284-294.
- Brownell, R.I., Kasuya, T., Perrin, W.P., Baker, C.S., Cipriano, F., Urban, J., DeMaster, D.P., Brown, M.R., and Clapman, P.J. (2000). Unknown status of the western North Pacific humpback whale population: a new conservation concern. Unpublished report to the International Whaling Commission. pp. 5.
- Browning, R.J. (1980). Fisheries of the North Pacific: History, Species, Gear and Processes, Alaska Northwest Publishing Co, Anchorage, AK. pp. 423.
- Bryant Ph.D., B. (2001). <http://www-personal.umich.edu/~bbryant/envjustice.html>
- Bryant, P.J., Nichols, G., Braynt, T.B., and Miller, K. (1981). "Krill availability and the distribution of humpback whales in southeastern Alaska." Journal of Mammalogy, 62, pp.427-430.
- Bryant, Ph.D., B. (2001). What is Environmental Justice? A Broad based Definition. Environmental Justice Archive attached to Personal Home page of Dr.Bryant. <http://www-personal.umich.edu/~bbryant/envjustice.html>
- Brylinsky, M., Gibson, J., and Gordon Jr., D.C. (1994). "Impacts of flounder trawls on the intertidal habitat and community of the Minas Basin, Bay of Fundy." Canadian Journal of Fisheries and Aquatic Science, 51, pp.650-661.
- Buck, E. (1995). Individual transferable quotas in fishery management. CRS Report to Congress 95-849.
- Buckland, S.T., Cattanch, K.L., and Hobbs, R.C. (1993). "Abundance estimates of Pacific white sided dolphin, northern right whale dolphin, Dall's porpoise and northern fur seal in the North Pacific, 1987/90." Biology, Distribution, and Stock Assessment of Species Caught in the High Seas Driftnet Fisheries in the North Pacific Ocean, W.Shaw, R.L.Burgner, and J.Ito, eds., International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2, pp.387-407.
- Buckley, T.W., Tyler, G.E., Smith, D.M., and Livingston, P.A. (1999). "Food habits of some commercially important groundfish off the coasts of California, Oregon, Washington, and British Columbia." NOAA Technical Memorandum, NMFS-AFSC-102, U.S. DOC. pp.173.
- Bukhtiyarov, Y.A., Frost, K.J., and Lowry, L.F. (1984). "New information on the foods of the spotted seal, *Phoca largha*, in the Bering Sea in spring." Soviet-American cooperative research on marine mammals, F.H.Fay and G.A.Fedoseev, eds., U.S. DOC, NOAA, pp.55-59.
- Bulatov, O.A. (1983). "Distribution of eggs and larvae of Greenland halibut, *Reinhardtius hippoglossoides* (Pleuronectidae) in the eastern Bering Sea." Journal of Ichthyology, 23(1), pp.157-159.

Chapter 3

- Burger, A.E., and Fry, D.M. (1993). "Effects of oil pollution on seabirds in the northeast Pacific." The status, ecology and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.J.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.254-263.
- Burger, C.V., and Wertheimer, A.C. (1995). "Pacific salmon in Alaska." Our living resources: a report to the nation on the distribution, abundance, and health of U.S.plants, animals, and ecosystems, E.T.LaRoe, G.S.Farris, C.E.Puckett, P.D.Doran, and M.J.Mac, eds., U.S.Department of the Interior, National Biological Survey, Washington, DC, pp.343-347.
- Burger, J., and Gochfeld, M. (1994). "Predation and effects of humans on island-nesting seabirds." Seabirds on islands: threats, case studies and action plans, Birdlife Conservation series, pp.39-67.
- Burnham, K.P., Anderson, D.R., and Laake, J.L. (1980). "Estimation of density from line transect sampling of biological populations." Wildlife Monographs, 72, pp.202.
- Burns, J.J. (1965). "The walrus in Alaska: its ecology and management." Fed.Aid Wildlife Restoration Project Report, 5, ADF&G. pp.48.
- Burns, J.J. (1970). "Remarks on the distribution and natural history of pagophilic pinnipeds in the Bering and Chukchi Seas." Journal of Mammalogy, 51, pp.445-454.
- Burns, J.J. (1973). "Marine Mammal report." W-17-3, W-17-4, W-17-5, Pittman-Robertson.
- Burns, J.J. (1981a). "Bearded seal, *Erignathus barbatus* Erxleben, 1777." Handbook of Marine Mammals, S.H.Ridgway and R.J.Harrison, eds., Academic Press, New York, pp.145-170.
- Burns, J.J. (1981b). "Ribbon seal, *Phoca fasciata*." Handbook of Marine Mammals, S.H.Ridgway and R.J.Harrison, eds., Academic Press, New York, pp.89-109.
- Burns, J.J., and Frost, K.J. (1983). "The natural history and ecology of the bearded seal, *Erignathus barbatus*." OCSEAP Final Report, 19, U.S.DOC, NOAA.pp.311-392.
- Burns, J.J., Shapiro, L.H., and Fay, F.H. (1981). "Ice as Marine Mammal Habitat in the Bering Sea." The Eastern Bering Sea Shelf: Oceanography and Resources, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, WA, pp.781-797.
- Burt, W.H., and Grossenheider, R.P. (1976). A Field Guide to the Mammals, 3rd edition.Houghton Mifflin Co., Boston. 289 pp.
- Burton. (1999). "Age and growth of giant grenadier." MS.
- Byrd, G.V. (1992). "Status of sea ducks in the Aleutian Islands, Alaska." Unpublished report, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503, Adak, AK.pp.17.
- Byrd, G.V., and Dragoo, D.E. (1997). "Breeding success and population trends of selected seabirds in Alaska in 1996." U.S.Fish and Wildlife Service Report, AMNWR 97/11, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.44.
- Byrd, G.V., Dragoo, D.E., and Irons, D.B. (1998). "Breeding status and population trends of seabirds in Alaska in 1997." U.S.Fish and Wildlife Service Report, AMNWR 98/02, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.59.
- Byrd, G.V., Dragoo, D.E., and Irons, D.B. (1999). "Breeding status and population trends of seabirds in Alaska in 1998." U.S.Fish and Wildlife Service Report, AMNWR 99/02, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.68.
- Byrd, G.V., Merrick, R.L., Piatt, J.F., and Norcross, B.L. (1997). "Seabird, marine mammal, and oceanography coordinated investigations (SMMOCI) near Unimak Pass, Alaska." Alaska Sea Grant Report, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.351-364.

Chapter 3

- Byrd, G.V., Williams, J.C., and Walder, R. (1992). "Status and biology of the tufted puffin in the Aleutian Islands, Alaska, after a ban on salmon driftnets." U.S. Department of the Interior, Fish and Wildlife Service, Alaska Maritime National Wildlife Refuge, Aleutian Islands Unit, PSC 486, Box 5251, FPO AP 96506-5251, Adak, AK.
- Caddy, J.F. (1973). "Underwater observations on tracks of dredges and trawls and some effects of dredging on a scallop ground." *Journal of the Fisheries Research Board of Canada*, 30, pp.173-180.
- Caddy, J.F. (1983). "The cephalopods: factors relevant to their population dynamics and to the assessment and management of stocks." *FAO Fish. Tech. Pap.*, 231, pp.416-452.
- Cailliet, G.M., Andrews, A.H., Burton, E.J., Watters, D.L., Kline, D.E., and Ferry-Grahan, L.A. (2001). "Age determination and validation studies of marine fishes; do deep-dwellers live longer?" *Experimental Gerontology* 36:739-764.
- Cairns, D.K. (1990). "Bridging the gap between ornithology and fisheries science: use of seabird data in stock assessment models." *Condor*, 94, pp.811-824.
- Cairns, D.K. (1992). "Population regulation of seabird colonies." *Current Ornithology*, 9, pp.37-61.
- Cairns, D.K., and Schneider, D.C. (1990). "Hot spots in cold water: feeding habitat selection by Thick-billed Murres." *Studies in Avian Biology*, 14, pp.52-60.
- Calambokidis, J., and Barlow, J. (1991). "Chlorinated hydrocarbon concentrations and their use for describing population discreteness in harbor porpoises from Washington, Oregon, and California." *NOAA Technical Report, NMFS 98*, U.S. DOC, Miami, Florida, pp.101-110.
- Calambokidis, J., and Steiger, G.H. (1995). "Population assessment of humpback and blue whales using photo-identification from 1993 surveys off California." Final contract report, Southwest Fisheries Science Center, 8604 La Jolla Shores Drive, P.O.Box 271, La Jolla, CA 92038.
- Calambokidis, J., Sears, R., Steiger, G.H., and Evenson, J. (1995). "Movement and stock structure of blue whales in the eastern North Pacific." *Proceedings of the 11th Biennial Conference on the Biology of Marine Mammals*, Orlando, FL. 9.19.
- Calambokidis, J., Steiger, G.H., Evenson, J.R., Flynn, K.R., Balcomb, K.C., Claridge, D.E., Bloedel, P., Straley, J.M., Baker, C.S., von Ziegeler, O., Dahlheim, M.E., Waite, J.M., Darling, J.D., Ellis, G., and Green, G.A. (1996). "Interchange and isolation of humpback whales off California and other North Pacific feeding grounds." *Marine Mammal Science*, 12, pp.215-226.
- Calambokidis, J., Steiger, G.H., Straley, J.M., Herman, L.M., Cerchio, S., Salden, D.R., Urban, J.R., Jacobsen, J., von Ziegeler, O., Balcomb, K.C., Gabriele, C.M., Dahlheim, M.E., Uchida, S., Ellis, G., Miyamura, Y., Ladrón de Guevara, P., Yamaguchi, M., Sato, F., Mizroch, S.A., Schleder, L., Rasmussen, K., and Barlow, J. (In press). "Movements and population structure of humpback whales in the North Pacific Basin." *Marine Mammal Science*.
- Calambokidis, J., Steiger, G.H., Rasmussen, K., Urban, J.R., Balcomb, K.C., Ladrón de Guevara, P., Salinas, M., Jacobsen, J.K., Baker, C.S., Herman, L.M., Cerchio, S., and Darling, J.D. (2000). "Migratory destinations of humpback whales that feed off California, Oregon and Washington." *Marine Ecology Progress Series*, 192, pp.295-304.
- Calambokidis, J., Steiger, G.H., Straley, J.M., Quinn, T., Herman, L.M., Cerchio, S., Salden, D.R., Yamaguchi, M., Sato, F., Urban, J.R., Jacobsen, J., von Ziegeler, O., Balcomb, K.C., Gabriele, C.M., Dahlheim, M.E., Higashi, N., Uchida, S., Ford, J.K.B., Miyamura, Y., Ladrón de Guevara, P., Mizroch, S.A., Schlender, L., and Rasmussen, K. (1997). "Abundance and population structure of humpback whales in the North Pacific basin." Final Contract Report, 50ABNF500113, U.S. DOC, NOAA, Southwest Fisheries Science Center, P.O.Box 271, La Jolla, CA 92038. pp.72.

Chapter 3

- Calkins, D.G. (1987). "Marine Mammals." The Gulf of Alaska: Physical Environment and Biological Resources, D.W.Hood and S.T.Zimmerman, eds., Alaska Office, Ocean Assessments Division, NOAA, U.S.DOC, and the Alaska OCS Region Office, Minerals Management Service, U.S.Department of the Interior, Washington, DC, pp.527-560.
- Calkins, D.G. (1998). "Prey of Steller sea lions in the Bering Sea." Biosphere Conservation, 1(1), pp.33-44.
- Calkins, D.G., and Goodwin, E. (1988). "Investigation of the declining sea lion population in the Gulf of Alaska.", ADF&G, Anchorage Regional Office, 333 Raspberry Road, Anchorage, AK 99518. pp.76.
- Calkins, D.G., McAllister, D.C., and Pitcher, K.W. (1999). "Steller sea lion status and trend in Southeast Alaska: 1979-1997." Marine Mammal Science, 15, pp.462-477.
- Calkins, D.G., and Pitcher, K.W. (1982). "Population assessment, ecology and trophic relationships of Steller sea lions in the Gulf of Alaska." OCSEAP Final Report, 19 (1983), U.S.DOC, NOAA. pp.445-546.
- Callicott, J. (1986). On the intrinsic value of nonhuman species. In B.Norton (ed.), The Preservation of Species: The Value of Biological Diversity.(Princeton University Press, Princeton).
- Camphuysen, K. (1999) "New feeding technique of great cormorants *Phalacrocorax carbo sinensis* at beam trawlers." Atlantic Seabirds, 1(2), pp.85-90.
- Canino, M.F. (1994). "Effects of temperature and food availability on growth and RNA/DNA ratios of walleye pollock, *Theragra chalcogramma* (Pallas), eggs and larvae." Journal of Experimental Marine Biology and Ecology, 175, pp.1-16.
- Cantillo, A.Y., Lauenstein, G.G., Johnson, E.W., and O'Connor, T.P. (1999). "Status and Trends of Contaminant Levels in Biota and Sediments of Alaska." Regional Report Series, 4, Center for Coastal Monitoring and Assessment, NCCOS, NOAA, Silver Spring, MD. pp.44.
- Carlson, H.R. (1995). "Consistent yearly appearance of age-0 walleye pollock (*Theragra chalcogramma*) at a coastal site in southeastern Alaska, 1973-1994." Fishery Bulletin, 93, pp.386-390.
- Carlson, H.R., and Straty, R.R. (1981). "Habitat and nursery grounds of Pacific rockfish, *Sebastes* spp., in rocky coastal areas of Southeastern Alaska." Marine Fisheries Review, 43, pp.13-19.
- Carlton, J.T. (1996). "Marine bioinvasions: The alteration of marine ecosystems by nonindigenous species." Oceanography, 9, pp.36-43.
- Carnival Cruise Lines. (Undated).<http://www.carnival.com/Destination/default.asp>
- Carr, H.A., and Harris, J. (1997). "Ghost-fishing gear: have fishing practices during the past few years reduced the impact?" Marine Debris Sources, Impacts, and Solutions, J.M.Coe and D.B.Rogers, eds., Springer-Verlag New York, Inc., New York, pp.141-151.
- Carr, H.A., and Milliken, H. (1998). "Conservation engineering: options to minimize fishing's impacts to the seafloor." Effects of fishing gear on the sea floor of New England, E.M.Dorsey and J.Pederson, eds., Conservation Law Foundation, Boston, MA, pp.100-103.
- Carretta, J.V., Barlow, J., Forney, K.A., Muto, M.M., and Baker, J. (2001). U.S.Pacific Marine Mammal Stock Assessments: 2001.NOAA-TM-NMFS-SWFSC-317 Technical Memorandum.Accessed on 14 Jan.2003 from website: <http://swfsc.nmfs.noaa.gov/PRD/CMMP/>
- Carretta, J.V., Muto, M.M., Barlow, J., and Baker, J. (2002). Draft U.S.Pacific Marine Mammal Stock Assessments: 2002.NOAA-TM-NMFS-SWFSC Technical Memorandum.Accessed on 14 Jan.2003 from website: <http://swfsc.nmfs.noaa.gov/PRD/CMMP/>

Chapter 3

- Carretta, J.V., Muto, M.M., Barlow, J., Baker, J., Forney, K.A., Lowry, M. (2002). U.S. Pacific Marine Mammal Stock Assessments: 2002. Southwest Fisheries Science Center, NMFS/NOAA La Jolla Laboratory, 8604 La Jolla Shores Drive, La Jolla, CA 92037-1508. National Marine Mammal Laboratory, NMFS/NOAA, 7600 Sand Point Way, N.E., Seattle, WA 98115.
- Carroll, G. (1994). Bowhead whale species account. ADF&G Wildlife Notebook Series. Accessed on 29 July 2002 from website: <http://www.state.ak.us/adfg/notebook/notehome.htm>
- Carscadden, J.E. (1984). "Capelin in the northwest Atlantic." Marine birds: their feeding, ecology and commercial fisheries relationships, D.N. Nettleship, G.A. Sanger, and P.F. Springer, eds., Canadian Wildlife Service, pp. 170-183.
- Carter, H.R., and Kuletz, K.J. (1995). "Mortality of marbled murrelets due to oil pollution in North America." For. Serv. Gen. Tech. Rep., PSW-GTR-152, U.S. Department of Agriculture, Forest Service.
- Casey, J.M., and Myers, R.A. (1998). "Near extinction of a large, widely distributed fish." *Science*, 281(5377), pp. 690-692.
- Castellini, M. (1994). Apnea tolerance in the elephant seal during sleeping and diving: physiological mechanisms and correlations. In B. Le Boeuf and R. Laws (eds.), *Elephant Seals: Population Ecology, Behavior and Physiology*. University of California Press, Berkeley.
- Cavalieri, D.J., and Martin, S. (1994). "The contribution of Alaskan, Siberian, and Canadian coastal polynyas to the cold halocline layer of the Arctic Ocean." *Journal of Geophysical Research*, 99, pp. 18,343-18,362.
- Champion, D.J. (1964). *The Sociology of Organizations*, Prentice-Hall, Inc., Englewood Cliffs, NJ. 9 pp.
- Charnov, E.L. (1993). *Life history invariants: some explorations of symmetry in evolutionary ecology*, Oxford University Press, New York. 167 pp.
- Charnov, E.L., and Anderson, P.J. (1989). "Sex Change and Population Fluctuations in Pandalid Shrimp." *American Naturalist*, 134, pp. 824-827.
- Chastel, O., Weimerskirch, H., and Jouventin, P. (1995). "Body condition and seabird reproductive performance: A study of three petrel species." *Ecology*, 76(7), pp. 2240-2246.
- Chavez, F.P., Ryan, J., Lluch-Cota, S.E., and Niquen, M. (2003). From Anchovies to Sardines and Back: Multidecadal Change in the Pacific Ocean. *Science* 299: 217-221.
- Cherel, Y., and Klages, N. (1998). "A review of the food of albatrosses." *Albatross Biology and Conservation*, G. Robertson and R. Gales, eds., Surrey Beatty & Sons, Chipping Norton, NSW, Australia, pp. 113-136.
- Cherel, Y., and Weimerskirch, H. (1995). "Seabirds as indicators of marine resources: black-browed albatrosses feeding on myctophid squids in Kerguelen waters." *Marine Ecology Progress Series*, 129, pp. 295-300.
- Chilton, D.E., and Beamish, R.J. (1982). "Age determination methods for fishes studied by the Groundfish Program at the Pacific Biological Station." *Canadian Special Publication of Fisheries and Aquatic Sciences*, 60, pp. 102.
- Ching, P. (1994). *The Hawaiian Monk Seal*. University of Hawaii Press, HI.
- Chitwood, P.E. (1969). "Japanese, Soviet, and South Korean Fisheries off Alaska, Development and History through 1966." U.S. Fish and Wildlife Service Circular 310, U.S. Department of the Interior, Washington, DC, pp. 34.
- Chopin, F.S., and Arimoto, T. (1995). "The condition of fish escaping from fishing gears--a review." *Fisheries Research*, 21, pp. 315-327.

Chapter 3

- Christensen, V. (1990). "The ECOPATH II software, or how we can gain from working together." NAGA, 13, pp.9-10.
- Christensen, V. (1992). "A model of trophic interactions in the North Sea in 1981, the year of the stomach." Rep.C.M., 1992/L, International Council for the Exploration of the Sea, Copenhagen, DK.pp.25.
- Christensen, V. (1994). "Energy-based ascendancy." Ecological Modelling, 72, pp.129-144.
- Christy Jr., F.T. (1978). "The Costs of Uncontrolled Access in Fisheries." Limited Entry as a Fishery Management Tool, proceedings of a national conference, Denver, 1978, R.B.Rettig and J.J.C.Ginter, eds., University of Washington Press, Seattle, WA, Seattle, WA, pp.201-210.
- Churchill, J.H. (1989). "The effect of commercial trawling on sediment resuspension and transport over the Middle Atlantic Bight continental shelf." Continental Shelf Research, 9(9), pp.841-864.
- Cimberg, R.L., Gerrodette, T., and Muzik, K. (1981). "Habitat requirements and expected distribution of Alaska coral." OCSEAP Final Report, 54(1987), Report prepared for Office of Marine Pollution Assessment, Alaska Office, U.S. DOC, NOAA.pp.207-308.
- Clark, C.C. (1996). "Marine reserves and the precautionary management of fisheries." Ecological Applications, 6, pp.369-370.
- Clark, W.G. (1991). "Groundfish exploitation rates based on life history parameters." Canadian Journal of Fisheries and Aquatic Science, 48, pp.734-750.
- Clark, W.G. (1993). "The effects of recruitment variability on the choice of a target level of spawning biomass pre recruit." Proceedings of the International Symposium on Management Strategies for Exploited Fish Populations, G.H.Kruse, D.M.Eggers, R.J.Marasco, C.Pautzke, and T.J.Quinn II, eds., Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.233-246.
- Clark, W.G., Hare S.R., Parma A.M., Sullivan, P.J., and Trumble R.J. (1999). "Decadal changes in growth and recruitment of Pacific Halibut (*Hippoglossus stenolepis*)." Can.J.Fish.Aquat.Sci.56:242-252.
- Clausen, D.M. (1983). "Food of walleye pollock (*Theragra chalcogramma*) in an embayment of southeastern Alaska." Fishery Bulletin, 81(3), pp.637-642.
- Clausen, D.M., and Heifetz, D.M. (1989). "Slope rockfish." In T.K.Wilderbuer (editor), Condition of groundfish resources of the Gulf of Alaska in 1988, pp.99-149. U.S.DOC, NOAA, NMFS AFSC Proc.Rept.99-04.
- Clausen, D.M., and Heifetz, J. (1999). "Pelagic shelf rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2000, GOA Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.405-426.
- Clausen, D.M., and Heifetz, J. (2000). "The Northern Rockfish (*Sebastes polyspinis*) in Alaska: Commercial Fishery and Biology." In preparation.
- Clausen, D.M., and Heifetz, J. (2001). "Pelagic shelf rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.pp.7-1.
- Clausen, D.M., Lunsford, C.R., and Fujioka, J.T. (2002). "Pelagic shelf rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.383.
- Clemens, W.A., and Wilby, G.V. (1961). "Fishes of the Pacific coast of Canada.2nd ed.Fish.Res.Bd.Canada Bull. (68): 443 pp.
- Clifford, H.T., and Stephenson, W. (1975).An introduction to numerical classification, Academic Press, New York.229 pp.

Chapter 3

- Coachman, L.K. (1986). "Circulation, water masses, and fluxes on the southeastern Bering Sea shelf." *Continental Shelf Research*, 5, pp.23-108.
- Coachman, L.K., and Aagaard, K. (1981). Re-evaluation of water transports in the vicinity of Bering Strait. In *the Eastern Bering Sea Shelf: Oceanography and Resources*, Vol.1. D.W.Hood and J.A.Calder (eds.), pp.95-110. NOAA, Washington, D.C.
- Coachman, L.K., and Aagaard, K. (1988). Transports through Bering Strait: Annual and interannual variability. *Journal of Geophysical Research*, 93, 15, 535-15, 539.
- Cobb, J.N. (1906). "The commercial fisheries of Alaska in 1905." Report of Commissioner of Fisheries for 1905 and Spec.Papers, Bur.Fish.
- Cobb, J.N. (1927). "Pacific cod fisheries." Rep.of Commissioner of Fisheries for 1926, Bur.Fish.
- Cocheba, D. (1987). Opportunities for improving wildlife management: an economist's view. In D.Decker and G.Goff (eds.), *Valuing Wildlife: Economic and Social Perspectives*, Westview Press, Boulder, Colorado.
- Coe, J.M., and Rogers, D.B. (1997). *Marine Debris Sources, Impacts, and Solutions*, Spring-Verlag New York Inc., New York, 432 pp.
- Coen, L.D. (1995). A review of the potential impacts of mechanical harvesting on subtidal and intertidal shellfish resources. Unpublished Report. South Carolina Department of Natural Resources. Marine Resources Research Institute.
- Colson, D.A. (1994). Convention on the Conservation and Management of Pollock Resources in the Central Bering Sea. Testimony before the Committee on Foreign Relations, U.S.Senate, September 28, 1994. 18 pp.
- Colt, S., and Huntington, H. (2002). *Oceans, watersheds, and people: Facts, myths, and realities*.
- Commerce Committee. (1976). *A Legislative History of the Fishery Conservation and Management Act of 1976*, U.S.Government Printing Office, Washington, DC.1176 pp.
- Commercial Fisheries Entry Commission. (1999a). "Changes Under Alaska's Halibut IFQ Program, 1995 to 1998." Commercial Fisheries Entry Commission, 8800-109 Glacier Highway, Juneau, AK 99801.
- Commercial Fisheries Entry Commission. (1999b). "Changes Under Alaska's Sablefish IFQ Program, 1995 to 1998." Commercial Fisheries Entry Commission, 8800-109 Glacier Highway, Juneau, AK 99801.
- Commercial Fisheries Entry Commission. (1999c). "Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975 to 1998." CFEC Report, 99-3N, Commercial Fisheries Entry Commission, 8800 - 109 Glacier Highway, Juneau, AK 99801.
- Commercial Fishing News. (2000). "Councils still split on year 2000 dogfish TAC." *Commercial Fishing News*, 27(8), pp.1,5.
- Committee on Ecosystem Management for Sustainable Marine Fisheries. (1999). *Sustaining marine fisheries*, National Academy Press, Washington, DC.
- Compagno, L.J.V. (1984). "Sharks of the World." United Nations Development Programme Food and Agriculture Organization of the United Nations, Rome, Italy.
- Condit, R., and LeBoeuf, B.J. (1984). "Feeding habits and feeding grounds of the northern elephant seal." *Journal of Mammalogy*, 65(2), pp.281-290.
- Connors, M.E., Hollowed, A.B., and Brown, E. (2002). Retrospective analysis of Bering Sea bottom trawl surveys: regime shift and ecosystem reorganization. *Progress in Oceanography* 55: 209-222.
- Constanza, R. (1987). "Social traps and environmental policy." *BioScience*, 37, pp.407-412.

Chapter 3

- Cooley, R.A. (1961). "Decline of Alaska salmon: a case study in resource conservation policy," Ph.D. Thesis, University of Michigan, Ann Arbor, MI.
- Cooley, R.A. (1963). *Politics and Conservation, the Decline of the Alaska Salmon*, Harper & Row, Pub.230 pp.
- Coon, C., Shirley, T.C., and Heifetz, J. (1999). "Spatial and temporal patterns of bottom trawling in the Gulf of Alaska and Aleutian Islands." NOAA Technical Report, submitted, U.S.DOC.
- Cooper, J., Dunn, E., and Rivera, K.S. (In preparation). "Addressing the problem: seabird mortality from longline fisheries in the waters of arctic countries." Presented at the Circumpolar Seabird Working Group meeting, Halifax, Nova Scotia.
- Cornish, B.J., and Dickson, D.L. (1997). "Common eiders nesting in the western Canadian Arctic." King and common eiders of the western Canadian Arctic, D.L.Dickson, ed., ed., Canadian Wildlife Service, Ottawa, pp.40-50.
- Costanza, R. (1992). Toward an operational definition of ecosystem health. Pages 241-256 in Costanza, R., B.G.Norton, and B.D.Haskell (eds). *Ecosystem Health: New Goals for Environmental Management*. Washington, D.C.: Island Press.256 pp.
- Costanza, R., d'Arge, R., de Groot, R., Farber, S., Grasso, M., Hannon, B., Limburg, K., Naeem, S., O'Neil, R., Paruelo, J., Raskin, R., Sutton, P., and van den Belt, M. (1997). The value of the world's ecosystem services and natural capital. *Nature* 387:253-260.
- Cotter, R.C., Dickson, D.L., and Gratto, C.J. (1997). "Breeding biology of the King Eider in the western Canadian Arctic." King and Common eiders of the western Canadian arctic, D.L.Dickson, ed., Canadian Wildlife Service, Ottawa, Ontario, pp.29-39.
- Council on Environmental Quality. (1977). *The Evolution of National Wildlife Law*, U.S.Government Printing Office, Washington, D.C.485 pp.
- Council on Environmental Quality. (1993). "Incorporating Biodiversity Considerations into Environmental Impact Analysis Under the National Environmental Protection Act." Council on Environmental Quality, Executive Office of the President, Washington, DC.
- Council on Environmental Quality. (1997). "Considering Cumulative Effects Under the National Environmental Policy Act." Council on Environmental Quality, Executive Office of the President, Washington, DC.
- Cousins, K., (2001). The black-footed albatross population biology workshop: a step to understanding the impacts of longline fishing on seabird populations. *Proceedings - Seabird Bycatch: Trends, Roadblocks, and Solutions*, E.F.Melvin and J.K.Parrish, eds., University of Alaska Sea Grant Press, pp.95-114.
- Cousins, K., and Cooper, J. (2000). The population biology of the black-footed albatross in relation to mortality caused by longline fishing. Honolulu, HI.159 pp.
- Cousins, K., and Cooper, J. (Submitted). The population biology of the black-footed albatross in relation to mortality caused by longline fishing. Honolulu, HI.159 pp.
- Cousins, K., Dalzell, P., and Gilman, E. (2001). International efforts to manage pelagic longline-albatross interactions in the North and Central Pacific Ocean. *Marine Ornithology*, Vol.28(2).
- Coyle, K.O., Hunt Jr, G.L., Decker, M.B., and Weingartner, T.J. (1992). "Murre foraging, Epibenthic sound scattering and tidal advection over a shoal near St.George Island, Bering Sea." *Marine Ecology Progress Series*, 83, pp.1-14.
- Crawford, R.J.M., and Shelton, P.A. (1978). "Pelagic fish and seabird interrelationships off the coasts of South West and South Africa." *Biological Conservation*, 14, pp.85-109.

Chapter 3

- Crawford, T.W. (1981). "Vertebrate prey of *Phocoenoides dalli* (Dall's porpoise) associated with the Japanese high seas salmon fishery in the North Pacific Ocean." Masters Thesis, University of Washington Press, Seattle, WA.
- Credle, V.R., DeMaster, D.P., Merklein, M.M., Hanson, M.B., Karp, W.A., and Fitzgerald, S.M.e.(1994). "NMFS observer programs: minutes and recommendations from a workshop held in Galveston, Texas, November 10-11, 1993." NOAA Technical Memorandum, NMFS-OPR-94-1, U.S. DOC, NOAA.pp.96.
- Croll, D.A., Gaston, A.J., Burger, A.E., and Konnoff, D., (1992). Foraging behavior and physiological adaptation for diving in thick-billed murre. *Ecology* 73(1): 344-356.
- Croxall, J.P. (1987). "Conclusions." *Seabirds: feeding ecology and role in marine ecosystems*, J.P.Croxall, ed., Cambridge University Press, New York, pp.369-381.
- Croxall, J.P., and Gales, R. (1998). "An assessment of the conservation status of albatrosses." *Albatross Biology and Conservation*, G.Robertson and R.Gales, eds., Surrey Beatty & Sons, Chipping Norton, NSW, Australia, pp.46-65.
- Croxall, J.P., and Prince, P.A. (1980). "Food, feeding ecology and ecological segregation of seabirds at South Georgia." *Biological Journal of the Linnean Society*, 14, pp.103-131.
- Croxall, J.P., and Prince, P.A. (1996). "Cephalopods as prey." *Philosophical Transactions of the Royal Society of London B Biological Sciences*, 351, pp.1023-1043.
- Croxall, J.P., and Rothery, P. (1991). "Population regulation of seabirds: implications of their demography for conservation." *Bird Population Studies: Relevance to conservation and management*, C.M.Perrins, J.D.Lebreton, and G.J.M.Hirons, eds., Oxford University Press, New York, pp.272-296.
- Croxall, J.P., Rothery, P., Pickering, S.P.C., and Prince, P.A. (1990). "Reproductive performance, recruitment and survival of Wandering Albatrosses *Diomedea exulans* at Bird Island, South Georgia." *Journal of Animal Ecology*, 59, pp.773-794.
- Crutchfield, J. (1979). Economic and social implications of the main policy alternatives for controlling fishing effort. *Journal of the Fisheries Research Board of Canada* 36:742-752.
- Cullenberg, P. (2002). Fishery observers, researchers and guests: Strategies for the safety of visitors on board. In J.Lincoln, D.Hudson, G.Conway, and R.Pescatore (eds.). *Proceedings of the International Fishing Industry Safety and Health Conference*, DHHS (NIOSH) Publication No.2003-102, National Institute for Occupational Safety and Health, Cincinnati, Ohio.
- Cumming, W.C. (1985). "Right Whales, *Eubalaena glacialis* (Muller, 1776) and *Eubalaena australis* (Desmoulins, 1822)." *Handbook of Marine Mammals*, S.H.Ridgway and R.Harrison, eds., Academic Press, London, pp.275-304.
- Cunningham, S., and Gréboval, D. (2001). *Managing Fishing Capacity: A Review of Policy and Technical Issues*. FAO Fisheries Technical Paper 409, Food and Agriculture Organization, Rome.
- Dahl, R.A. (1970). *After the Revolution: Authority in a Good Society*, Yale University Press, New Haven.
- Dahlheim, M.E. (1994). "Abundance and distribution of killer whales (*Orcinus orca*) in Alaska in 1993." DOC, NOAA, NMFS, MMPA Assessment Program, Office of Protected Resources, 1335 East West Highway, Silver Spring, MD 20910.
- Dahlheim, M.E., Ellifrit, D., and Swenson, J. (1996). *A catalogue of Southeast Alaskan killer whales*, Day Moon Press, Seattle, WA.
- Dahlheim, M.E. (2001). *Killer whales in central and western Alaska*. Alaska Fisheries Science Center quarterly report, July-Sept. Accessed on 29 July 2002 from website; <http://nmml.afsc.noaa.gov/CetaceanAssessment/KillerWhale/OrcaPopulation.htm>

Chapter 3

- Dahlheim, M.E., and Towell, R.G. (1994). "Occurrence and distribution of Pacific white-sided dolphins (*Lageorhynchus obliquidens*) in southeastern Alaska, with notes on attack by killer whales (*Orcinus orca*)." *Marine Mammal Science*, 10(4), pp.458-464.
- Dahlheim, M.E., and Waite, J.M. (1993). "Abundance and distribution of killer whales (*Orcinus orca*) in Alaska in 1992." U.S. DOC, NOAA, NMFS, MMPA Assessment Program, Office of Protected Resources, 1335 East West Highway, Silver Spring, MD 20910.
- Dahlheim, M., York, A., Towell, R., Waite, J., and Breiwick, J. (2000). "Harbor porpoise (*Phocoena phocoena*) abundance in Alaska: Bristol Bay to Southeast Alaska." *Marine Mammal Science*, 16, pp.28-45.
- Dahlheim, M.E., and Matkin, C.O. (1994). Assessment of injuries to Prince William Sound killer whales. pp 163-171 In T.R.Loughlin (ed.), *Marine Mammals and the Exxon Valdez*. Academic Press, Inc. San Diego, CA.
- Darcy, G., and Matlock, G. (2000). Development and implementation of access limitation programmes in marine fisheries of the U.S. In R. Shotton (ed.), *Use of Property Rights in Fisheries Management*. FAO Fisheries Technical Paper 404/2, Food and Agriculture Organization, Rome, Italy.
- Darling, J.D. (1991). "Humpback whale in Japanese waters." Final Contract Report, World Wide Fund for Nature, Japan. pp.22.
- Dau, C.P. (1974). "Nesting biology of the spectacled eider, *Somateria fischeri* (Brandt), on the Yukon-Kuskokwim Delta, Alaska," Masters Thesis, University of Alaska Fairbanks, Fairbanks, AK 99775.
- Dau, C.P., and Kitchinski, S.A. (1977). "Seasonal movements and distribution of the spectacled eider." *Wildfowl*, 28, pp.65-75.
- Dau, C.P., Flint, P.L., and Petersen, M.R. (2000). "Distribution of recoveries of Steller's eiders banded on the lower Alaska Peninsula, Alaska." *Journal of Field Ornithology*, pp 71. In press.
- Davies, J.R. (1997). The impact of an offshore drilling platform on the fall migration path of bowhead whales: a GIS-based assessment. Master of Science thesis, Western Washington University. 71 pp.
- Day, R.H., Kuletz, K.J., and Nigro, D.A. (1999). "Kittlitz's murrelet (*Brachyramphus brevirostris*)." *The Birds of North America*, A. Poole and F. Gill, eds., Academy of Natural Sciences, Philadelphia, PA and American Ornithologists' Union, Washington, DC.
- Day, R.H., and Nigro, D.A., (1999b). Status and ecology of Kittlitz's murrelet in Prince William Sound, 1996-1998. EVOS Restoration Project Final Report No. 98142. ABR, Inc. Fairbanks, AK.
- Day, R.H., and Nigro, D.A. (2000). "Feeding ecology of Kittlitz's and marbled murrelets in Prince William Sound, Alaska." *Waterbirds*, 23(1), pp.1-14.
- Day, R.H., Wehle, D.H.S., and Coleman, F.C. (1985). "Ingestion of plastic pollutants by marine birds." NOAA Technical Memorandum, NOAA-TM-NMFS-SWFC-54, U.S. DOC, NOAA, Honolulu, HI. p.344-386.
- de Groot, S.J. (1970). "Some notes on the ambivalent behavior of the Greenland halibut (*Rheinhardtius hippoglossoides*) (Walb.) Pisces: Pleuronectiformes." *Journal of Fisheries Biology*, 2, pp.275-279.
- De la Mare, W.K., and Kerry, K.R. (1994). "Population dynamics of the Wandering Albatross *Diomedea exulans* on Macquarie Island and the effects of mortality from longline fishing." *Polar Biology*, 14, pp.231-241.

Chapter 3

- DeAlteris, J., Skrobe, L., and Lipsky, C. (1999). The significance of seabed disturbance by mobile fishing gear relative to natural processes: a case study in Narragansett Bay, Rhode Island. pp.224-237 In L.Benaka, ed., "Fish Habitat: Essential Fish habitat and Rehabilitation." American Fisheries Society, Symposium 22, Bethesda, MD.
- Decker, M.B. (1995). "Influences of oceanographic processes on seabird ecology," Ph.D.dissertation, University of California at Irvine.
- Decker, M.B., and Hunt Jr., G.L. (1996). "Foraging by murre (Uria spp) at tidal fronts surrounding the Pribilof Islands, Alaska, USA." Marine Ecology Progress Series, 139(1-3), pp.1-10.
- Decker, M.B., Hunt Jr, G.L., and Byrd Jr., G.V. (1995). "The relationships among sea-surface temperature, the abundance of juvenile walleye pollock (*Theragra chalcogramma*), and the reproductive performance and diets of seabirds at the Pribilof Islands, southeastern Bering Sea." Climate change and northern fish populations, R.J.Beamish, ed., Canadian Special Publication of Fisheries and Aquatic Sciences, pp.425-437.
- DeGange, A.R., and Day, R.H., (1991). Mortality of seabirds in the Japanese land-based gillnet fishery for salmon. Condor, Vol 93 (2), pp.251-258.
- DeGange, A.R., Day, R.H., Takekawa, J.E., and Mendenhall, V.M. (1993). Losses of seabirds in gillnets in the North Pacific. pp.204-211 in The status, ecology, and conservation of marine birds of the North Pacific. K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey (Eds.). Can. Wildl. Serv. Spec. Publ.
- DeGange, A.R., and Sanger, G.A. (1986). "Marine Birds." The Gulf of Alaska: Physical environment and biological resources, D.W.Hood and S.T.Zimmerman, eds., U.S.NOAA, Ocean Assessments Division, Anchorage, AK, pp.479-524.
- Dement'ev, G.P., and Fladkov, N.A. (1967). Birds of the Soviet Union, Translated from Russian by Israel Program Science Translations, U.S.Department of Interior and National Science Foundation, Washington, DC.
- Denlinger, L.M., and Wohl, K.D. (2001). Harvest of seabirds in Alaska. In: Seabird harvest regimes in the circumpolar nations. Denlinger, L.M. and K.D.Wohl (eds.). Conservation of Arctic Flora and Fauna, Technical Report No.9, Arctic Council.
- Deriso, R.B., Quinn II, T.J., and Neal, P. (1985). "Catch-age analysis using auxiliary information." Canadian Journal of Fisheries and Aquatic Science, 42, pp.815-824.
- Dew, C.B. (1990). "Behavioral ecology of podding red king crab, *Paralithodes camtschatica*." Canadian Journal of Fisheries and Aquatic Science, 47(9).
- Dick, M.H., and Donaldson, W. (1978). "Fishing vessel endangered by Crested Auklet landings." Condor, 80, pp.235-236.
- Dickson, D.L., Cotter, R.C., Hines, J.E., and Kay, M.F. (1997). "Distribution and abundance of King Eiders in the western Canadian Arctic." King and Common eiders of the western Canadian Arctic, D.L.Dickson, ed., Canadian Wildlife Service, Ottawa, Ontario, pp.29-39.
- Dickson, D.L., Suydam, R.S., and Balogh, G.R. (In prep). "Tracking the movement of King Eiders from nesting grounds at Prudhoe Bay, Alaska to their molting and wintering areas using satellite telemetry." Unpublished report, Canadian Wildlife Service, Edmonton, Alberta.
- Dickson, D.L., Suydam, R., and Balogh, G.R. (1999). "Tracking the movement of King Eiders from nesting grounds in western arctic Canada to their molting and wintering areas using satellite telemetry." Unpublished report, Canadian Wildlife Service, Edmonton, Alberta. pp.33.
- DiCosimo, J. (1997). "Halibut prohibited species catch limits." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska. Appendix C, E.GOA Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.437-454.

Chapter 3

- DiCosimo, J. (1998). "Groundfish of the Gulf of Alaska Area: A Species Profile." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Dill, H., and Bryan, W.A. (1912). Report of an expedition to Laysan Island in 1911. *Biol.Surv.Bull.*42, 1-30.
- Dodimead, A.J., Favorite, F., and Hirano, T. (1963). "Salmon of the North Pacific Ocean, II, review of oceanography of the subarctic Pacific region." *International North Pacific Fisheries Commission Bulletin*, 13, pp.195.
- Dohl, T., Guess, R., Duman, M., and Helm, R. (1983). Cetaceans of central and northern California, 1980-1983: status, abundance, and distribution." Rep.OCS Study, NMS 84-0045, U.S.Department of the Interior.
- Dolphin, W.E., and McSweeney, D. (1983). "Incidental ingestions of Cassin's auklets by humpback whales." *Auk*, 100, pp.214.
- Donaldson, W.E. (1990). "Determination of experimentally induced non-observable mortality on red king crab." Regional Information Report, 4K90-13, ADF&G, P.O.Box 25526, Juneau, AK 99802.
- Donaldson, W.E., Cooney, J.T., and Hilsinger, S.R. (1981). "Growth, age and size at maturity of Tanner crab (*Chionoecetes bairdi*) M.J.Rathburn, in the Northern Gulf of Alaska (Decapoda, Brachyura)." *Crustaceana*, 40(3), pp.286-302.
- Donovan, G.P. (1991). "A review of IWC stock boundaries." Report of the International Whaling Commission, Special Issue 13, pp.39-63.
- Dorn M., Barbeaux, S., Guttormsen, M., Megrey, B., Hollowed, A., Brown, E., and Spalinger, K. (2002). "Assessment of Walleye Pollock in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska Region as Projected for 2003, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501. pp.33-88.
- Dorn, M., Hollowed, A., Brown, E., Megrey, B., Wilson, C., and Blackburn, J. (1999). "Walleye pollock." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.67.
- Dorn, M.W., Hollowed, A.B., Brown, E., Megrey, B., Wilson, C., and Blackburn, J. (2001). "Assessment of the Walleye Pollock Stock in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.1-1.
- Dorsey, E.M., Stern, S.J., Hoelzel, A.R., and Jacobsen, J. (1990). "Minke whale (*Balaenoptera acutorostrata*) from the west coast of North America: individual recognition and small scale site fidelity." Report of the International Whaling Commission, Special Issue 12, pp.357-368.
- Dovers, S.R., and Handmer, J.W. (1995). "Ignorance, the precautionary principle, and sustainability." *Ambio*, 24(2), pp.92-97.
- Dragoo, D.E., Byrd Jr., G.V., and Irons, D.B. (2001). Breeding status and population trends of seabirds in Alaska, 2000. U.S.Fish and Wildl.Serv.Report AMNWR 01/07.
- Drazen, J.C., Buckley, T.W., and Hoff, G.R. (In Press). "The feeding habits of slope dwelling macrourid fish in the eastern North Pacific." *Deep-Sea Research*.
- Drew, S.C., and Larsen, R.E. (1994). Worldwide trawl and dredge study. (Unpublished Report) Marine data Systems. Plymouth, MA pp 8.
- Duffy, D.C. (1983). "Environmental uncertainty and commercial fishing: Effects on Peruvian guano birds." *Biological Conservation*, 26, pp.227-238.

Chapter 3

- Duffy, D.C. (1993). "Stalking the southern Oscillation: environmental uncertainty, climate change, and North Pacific seabirds." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.J.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.61-67.
- Dugan, J.E., and Davis, G.E. (1993). "Applications of marine refugia to coastal fisheries management." Canadian Journal of Fisheries and Aquatic Science, 50, pp.2029-2042.
- Dulvy. (2000). "Fishery stability, local extinctions, and shifts in community structure in skates." Conservation Biology.
- Dunning, D.J., Ross, Q., and Gladden, J. (1982). "Evaluation of minimum size limits for St.Lawrence River northern pike." North American Journal of Fisheries Management, 2(2), pp.171-175.
- Dwyer, D.A. (1984). "Feeding habits and daily ration of walleye pollock (*Theragra chalcogramma*) in the eastern Bering Sea." Masters Thesis, University of Washington, Seattle, WA.
- Dwyer, D.A., Bailey, K.M., and Livingston, P.A. (1987). "Feeding habits and daily ration of walleye pollock (*Theragra chalcogramma*) in the eastern Bering Sea, with special reference to cannibalism." Canadian Journal of Fisheries and Aquatic Science, 44, pp.1972-1984.
- D'yakov, Y.P. (1982). "The fecundity of the Greenland halibut *Reinhardtius hippoglossoides* (Pleuronectidae), from the Bering Sea." Journal of Ichthyology, 22(5), pp.59-64.
- Dykstra, C.L., Van Wormer, K.L., and Ranta, A.M. (2003). 2002 standardized stock assessment survey. International Pacific Halibut Commission. Report of Assessment and Research Activities 2002: pp.347-382.
- Ecosystem Principles Advisory Panel. (1999). "Ecosystem-based Fishery Management." A Report to Congress by the Ecosystem Principles Advisory Panel, U.S.DOC, NOAA. pp.54.
- Efanov, S.F., and Istomin, I.G. (1988). "Survival of Alaska pollock and selective properties of trawl cod-ends." International Council for the Exploration of the Sea CM, 1988/B.pp.20.
- Ehrlich, P., and Ehrlich, A. (1981). Extinction. Random House, New York.
- Eldridge, W., and Dau, C.P. (1999). "1985 - 1999 breeding ground surveys of geese, swans, and sandhill cranes in the coastal zone, Yukon-Kuskokwim Delta, Alaska." Report to the Pacific flyway committee, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503.
- Elliott, R.D., Ryan, R.C., and Lidster, W.W. (1990). "The winter diet of Thick-billed Murres in coastal Newfoundland waters." Studies in Avian Biology, 14, pp.125-138.
- Elphick, C.S., and Hunt Jr, G.L. (1993). "Variations in the distributions of marine birds with water mass in the Northern Bering Sea." Condor, 95, pp.33-44.
- Ely, C.R., Dau, C.P., and Babcock, C.A. (1994). "Decline in a population of spectacled eiders nesting on the Yukon-Kuskokwim Delta, Alaska." Northwestern Naturalist, 75, pp.81-87.
- Enfield, D.B., and Allen, J.S. (1980). On the structure and dynamics of monthly mean sea level anomalies along the Pacific coast of North and South America, Journal of Physical Oceanography, 10, 557-578, 1980.
- Eno, N.C., MacDonald, D.S., Kinnear, J.A.M., Amos, S.C., Chapman, C.J., Clark, R.A., Bunker, F.P.D., and Munro, C. (2001). Effects of crustacean traps on benthic fauna. ICES Journal of Marine Science 58:11-20.
- Environment Australia. (1998). "Threat Abatement Plan for the Incidental Catch (or by-catch) of Seabirds during Oceanic Longline Fishing Operations." Prepared by Biodiversity Group- Environment Australia in Consultation with the Threat Abatement Team, Director of National Parks and Wildlife.

Chapter 3

- Erickson, D. (1977). "Distribution, abundance, migration and breeding locations of marine birds, Lower Cook Inlet, 1976." Environmental studies of Kachemak Bay and Lower Cook Inlet, L.L.Traski, L.B.Flagg, and D.C.Burbank, eds., ADF&G, Coastal Habitat Management, Anchorage, AK.
- Erickson, D., Pikitch, E., Suuronen, P., Lehtonen, E., Bublitz, C., Klinkert, C., and Mitchell, C. (1999). "Selectivity and mortality of walleye pollock escaping from the codend and intermediate (extension) section of a pelagic trawl." Final Report submitted to NMFS by Alaska Fisheries Development Foundation, 900 W.Fifth Avenue, Suite 400, Anchorage, AK. pp.68.
- Eschmeyer, W.N., Herald, E.S., and Hammann, H. (1983). "A field guide to Pacific coast fishes of North America." Houghton Mifflin Company, Boston, U.S.A. pp.336.
- Eschmeyer, W.N., Herald, E.S., Hammann, H., and Smith, K.P. (1984). "A field guide to Pacific coast fishes of North America from the Gulf of Alaska to Baja California." Houghton-Mifflin, Boston. pp.336
- Esler, D., Schmutz, J.A., Jarvis, R.L., and Mulcahy, D.M. (2000). "Winter survival of adult female harlequin ducks in relation to history of contamination by the Exxon Valdez oil spill." Journal of Wildlife Management, 64, pp.839-847.
- Estes, J.A. (1980). "Enhydra lutris." Mamm.Species, 133, pp.8.
- Estes, J.A., and Palmisano, J.F. (1974). "Sea otters: their role in structuring nearshore communities." Science, 185, pp.1085-1060.
- Estes, J.A., Tinker, M.T., Williams, T.M., and Doa, D.F. (1998). "Killer whale predation on sea otters linking oceanic and nearshore ecosystems." Science, 282, pp.473-476.
- Estes, J.A., and Van Blaricom, G.R. (1985). "Sea otters and shellfisheries." Marine mammals and fisheries, J.R.Beddington, R.J.H.Beverton, and D.M.Lavigne, eds., George Allen and Unwin, London, pp.187-235.
- Etzioni, A. (1964). Modern Organizations, Prentice-Hall, Inc., Englewood Cliffs, NJ. 5-19 pp.
- Everett, W.T., and Pitman, R.L. (1993). "Status and conservation of shearwaters of the North Pacific." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service, pp.93-100.
- EVOS Trustee Council. (2002). Resource Recovery Reports (for various resources). Accessed on November 22, 2002 from website, <http://www.oilspill.state.ak.us/facts/status.html>
- Ewins, P.J. (1987). "Opportunistic feeding of black fuillemots *Cepphus grylle* at fishing vessels." Seabird, 10, pp.58-59.
- Ewins, P.J., Carter, H.R., and Shibaer, Y.V. (1993). "The status, distribution, and ecology of inshore fish-feeding alcids (*Cepphus guillemots* and *Brachyramphus murrelets*) in the North Pacific." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.J.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.164-175.
- Exxon Valdez Oil Spill (EVOS) Trustee Council. (2002). Resource recovery reports. Accessed on 15 July 2002 from website, http://www.oilspill.state.ak.us/facts/status_murre.html
- ExxonValdez Oil Spill (EVOS) Trustee Council. (Undated). GEM: Gulf of Alaska Ecosystem Monitoring and Research Program. ExxonValdez Oil Spill Trustee Council, Anchorage, AK
- Fadely, J. (1999). Short-tailed albatross: back from the brink. USFWS Endangered Species Bulletin, Vol. XXIV No.2.
- Fadley, B.S., Zeligs, J.A., and Costa, D.P. (1994). "Assimilation efficiencies and maintenance requirements of California sea lions (*Zalophus californianus*) fed walleye pollock (*Theragra chalcogramma*) and herring (*Clupea harengus*)." Final Report to the National Marine Mammal Laboratory. pp.29.

Chapter 3

- Fauchald, P., Erikstad, K.E., and Skarsfjord, H. (2000). "Scale-dependent predator-prey interactions: the hierarchical spatial distribution of seabirds and prey." *Ecology*, 81(3), pp.773-783.
- Favorite, F., Dodimead, A.J., and Nasu, K. (1976). "Oceanography of the Subarctic Pacific region, 1960-71." *International North Pacific Fisheries Commission Bulletin*, 33, International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2. pp.187.
- Fay, F.H. (1955) "The Pacific Walrus (*Odobenus rosmarus divergens*): spatial ecology, life history, and population," Ph.D.Thesis, University of British Columbia, Vancouver.
- Fay, F.H. (1961). "The distribution of waterfowl on St.Lawrence Island, Alaska." *Wildfowl*, 12, pp.70-80.
- Fay, F.H. (1982). "Ecology and biology of the Pacific walrus, (*Odobenus rosmarus divergens*)." *Illiger.N.Am.Fauna*, 74, pp.279.
- Fay, F.H., and Cade, T.J. (1959). "An ecological analysis of the avifauna of St.Lawrence Island, Alaska." *University of California Publ.Zool.*, 63, pp.73-150.
- Fay, F.H., Kelly, B.P., Gehnrich, P.H., Sease, J.L., and Hoover, A.A. (1984). "Modern populations, migrations, demography, trophics, and historical status of the Pacific walrus." *OCSEAP Final Report*, 37, U.S.DOC, NOAA.pp.231-376.
- Fay, F.H., and Stoker, S.W. (1982a). "Reproductive success and feeding habits of walruses taken in the 1982 spring harvest, with comparisons from previous years." *Eskimo Walrus Commission*, Nome, AK (Available from Institute of Marine Science, University of Alaska, Fairbanks, AK), Nome, AK.pp.91.
- Fay, F.H., and Stoker, S.W. (1982b). "Analysis of reproductive organs and stomach contents from walruses taken in the Alaskan Native harvest, spring 1980." *Final Report for contract 14-16-0007-81-5216*, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.86.
- Feder, H.M., and Jewett, S.C. (1987). "The Subtidal Benthos." *The Gulf of Alaska: Physical Environment and Biological Resources*, D.W.Hood and S.T.Zimmerman, eds., Alaska Office, Ocean Assessments Division, NOAA, U.S.DOC, and the Alaska OCS Region Office, Minerals Management Service, U.S.Department of the Interior, Washington, DC, pp.347-396.
- Feder, H.M., Jewitt, S.C., McGee, S.G., and Matheke, G.E.M. (1981). "Distribution, abundance, community structure, and trophic relationships of the benthos of the northeastern Gulf of Alaska from Yakutat Bay to Cross Sound.Research Unit 5.Final Report to Outer Continental Shelf Environmental Assessment Program." *University of Alaska, Fairbanks, Institute of Marine Science, Fairbanks, AK 99775*. pp.197.
- Feder, H.M., and Matheke, G.E.M. (1980). "Distribution, abundance, community structure, and trophic relationships of the benthic infauna of the Northeast Gulf of Alaska." *Report, R 78-8*, University of Alaska, Fairbanks, Institute of Marine Science, Fairbanks, AK 99775. pp.209.
- Federal Fisheries Investment Task Force. (1999). *Report to Congress.DOC*, Washington, D.C.
- Federal Register. (1997). "Endangered and threatened wildlife and plants: threatened status for the Alaska breeding population of the Steller's eider.Final Rule." *Federal Register*, 62, pp.31748-31757.
- Fedoseev, G.A. (1984). "Present status of the population of walruses (*Odobenus rosmarus*) in the eastern Arctic and Bering Sea." *Marine mammals of the Far East*, V.E.Rodin, A.S.Perlov, A.A.Berzin, G.M.Gavrilov, A.I.Shevchenko, N.S.Fadeev, and E.B.Kucheriavenko, eds., Nauchnoissled.Inst.Morsk.Rybn.Khoz.Okeanogr. (TINRO), Vladivostok, pp.73-85.

Chapter 3

- Fedoseev, G.A., and Bukhtiyarov, Y.A. (1972). "Food of seals of the Okhotsk Sea." Abstracts of papers, Fifth All-Union Conference on Studies of Marine Mammals, V.A.Arsen'ev, V.M.Bel'kovich, V.A.Zemskii, B.A.Zenkovich, V.E.Sokolov, and K.K.Chapskii, eds., Akad.Nauk SSSR, Makhachkala (Translated from Russian by F.H.Fay, University of Alaska, Fairbanks, 1977), pp.110-112.
- Feeny, D. (1992). "Where Do We Go From Here: Implications for the Research Agenda." Making the Commons Work: Theory, Practice and Policy, D.W.Bromley, ed., ICS Press, San Francisco, CA. pp.267-292.
- Felthoven, R. (2002). Effects of the American Fisheries Act on capacity, utilization and technical efficiency. *Marine Resource Economics* 17:181-205.
- Felthoven, R., Hiatt, T., and Terry, J. (2002). Quantitative estimates of fishing capacity, capacity utilization, and fishery utilization for Alaskan commercial fisheries, 2001. NMFS Alaska Fisheries Science Center, Seattle, WA
- Fernandez, P., and Anderson, P.J. (2000). "Nocturnal and diurnal foraging activity of Hawaiian albatrosses detected with a new immersion monitor." *Condor*, 102, pp.577-584.
- Ferrero, R.C., DeMaster, D.P., Hill, P.S., and Muto, M. (2000). "Alaska marine mammal stock assessments, 2000." NOAA Technical Memorandum, U.S.DOC, NOAA. pp.176.
- Ferrero, R.C., DeMaster, D.P., Hill, P.S., Muto, M.M., and Lopez, A.L. (2000). "Alaska marine mammal stock assessments, 2000." NOAA Technical Memorandum, NMFS-AFSC-119, U.S.DOC, NOAA. pp.191.
- Ferrero, R.C., and Fritz, L.W. (1994) "Comparisons of walleye pollock (*Theragra chalcogramma*) harvest to Steller sea lion (*Eumetopias jubatus*) abundance in the Bering Sea and Gulf of Alaska." NOAA Technical Memorandum, NMFS-AFSC-43, U.S.DOC. pp.25.
- Ferrero, R., and Walker, W. (1996). "Age, growth and reproductive patterns of the Pacific white-sided dolphin (*Lagenorhynchus obliquidens*) taken in high seas drift nets in the central North Pacific Ocean." *Canada Journal of Zoology*, 74(9), pp.1673-1687.
- Fiscus, C.F., and Mercer, R.W. (1982). "Squids taken in surface gillnets in the North Pacific Ocean by the Pacific salmon investigation program, 1955-72." NOAA Technical Memorandum, NMFS F/NWC-28, U.S. DOC, NOAA, NMFS, Northwest Region, 7600 Sand Point Way NE, Seattle, WA 98115. pp.32.
- Fiscus, C.H. (1997). "Cephalopod beaks in a Cuvier's beaked whale (*Ziphius cavirostris*) from Amchitka Island, Alaska." *Marine Mammal Science*, 13(3), pp.481-486.
- Fiscus, C.H., Braham, H.W., Mercer, R.W., Everitt, R.D., Krogman, B.D., McGuire, P.D., Peterson, C.E., Sonntag, R.M., and Withrow, D.E. (1976). "Seasonal distribution and relative abundance of marine mammals in the Gulf of Alaska." Quarterly Report, 1, U.S.DOC, NOAA, OCSEAP Environmental Assessment Alaskan Continental Shelf. pp.19-264.
- FishBase. (2002). A Global Information System on Fishes. Accessed from website on November 20, 2002: <http://www.fishbase.org/home.htm>
- Fisheries and Oceans Canada-Pacific Region. (2002). Halibut-Pacific Region. Accessed on October 21, 2002 from website: <http://www.pac.dfo-mpo.gc.ca/ops/fm/Groundfish/Halibut/biology.htm>.
- Fishery Agency of Japan. (1976). Japanese Fisheries in the Eastern Bering Sea and Northeast Pacific Ocean, Fishery Agency of Japan. 37 pp.
- Flint, A., Fowler, C., and Rockwell, R.F. (1998). "Modeling bird mortality associated with the M/V Citrus oil spill off St. Paul Island, Alaska." Report to the U.S. Fish and Wildlife Service, Anchorage, AK.

Chapter 3

- Flint, P.L. (1998). "Settlement rate of lead shot in tundra wetlands." *Journal of Wildlife Management*, 62, pp.1099-1102.
- Flint, P.L., and Grand, J.B. (1997). "Survival of spectacled eider adult females and ducklings during brood-rearing." *Journal of Wildlife Management*, 61, pp.217-221.
- Flint, P.L., and Herzog, M.P. (1999). "Breeding of Steller's eiders, *Polysticta stelleri*, on the Yukon-Kuskokwim Delta, Alaska." *Canadian Field-Naturalist*, 113, pp.306-308.
- Flint, P.L., Petersen, M.R., Dau, C.P., Hines, J.E., and Nichols, J.D. (2000). "Annual survival and site fidelity of Steller's eiders molting along the Alaska Peninsula." *Journal of Wildlife Management*, 64, pp.261-268.
- Flint, V.E., Boehme, R.L., Kostin, Y.V., and Kuznetsov, A.A. (1984). *A Field Guide to Birds of the USSR*, T.b.N.Bourso-Leland, translator, Princeton University Press, New Jersey.
- Food and Agriculture Organization. (1995). *Code of Conduct for Responsible Fisheries*, Food and Agriculture Organization of the United Nations, Rome, Italy.
- Food and Agriculture Organization. (1999). *International Plan of Action for Reducing the Incidental Catch of Seabirds in the Longline Fisheries*. United Nations Committee on Fishing. United Nations Committee on Fishing, Rome, Italy.
- Ford, R.G., Bonnell, M.L., Varougean, D.H., Page, G.W., Sharp, B.E., Heinemann, D., and Casey, J.L. (1991). "Assessment of Direct Seabird Mortality in Prince William Sound and the Western Gulf of Alaska Resulting from the Exxon Valdez Oil Spill." *Ecological Consulting, Inc.*, Portland, OR. pp.153 + appendices.
- Foreman Jr., C.H. (1984). "Fisheries and the Search for Regulatory Consensus: Lessons from New England." Paper prepared for the meetings of the American Fisheries Society, Cornell University, Ithaca, NY.
- Forrester, C.R. (1964). "Demersal quality of fertilized eggs of rock sole (*Lepidopsetta bilineata* Ayres)." *Journal of the Fisheries Research Board of Canada*, 21(6), pp.1531-1532.
- Forrester, C.R. (1969). "Life history information on some groundfish species." *Fish.Res.Board Can.Tech.Rep.*105: pp 07.
- Forrester, C.R., Beardsley, A., and Takahashi, Y. (1974). "Groundfish, shrimp, and herring fisheries in the Bering Sea and northeast Pacific - historical catch statistics through 1970." *International North Pacific Fisheries Commission*, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2.
- Fossa, J.H., Furevik, D.M., Mortensen, P.B., and Hovland, M. (1999). "Effects of bottom trawling on *Lophelia* deep water coral reefs in Norway. Poster presented at ICES meeting on Ecosystem Effects of Fishing, March 1999. Institute of Marine Research, Bergen, Norway." *Megafauna associations with gorgonian coral (Primnoa spp.) in the Gulf of Alaska*, K.J.Krieger and B.L.Wing, eds., Draft manuscript available from NMFS, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, AK 99801.
- Foster, N.R., and Hare, M.P. (1990). "Cephalopod remains from a Cuvier's beaked whale (*Ziphius cavirostris*) stranded in Kodiak, Alaska." *Northwestern Naturalist*, 71, pp.49-51.
- Fowler, C.W. (1987). "Marine debris and northern fur seals: a case study." *Marine Pollution Bulletin* 18(6B):326-335
- Fowler, C.W. (1988). "A review of seal and sea lion entanglement in marine debris." In *Proceedings of the North Pacific Rim Fisherman's Conference on Marine Debris, 1987*, ed.D.L.Alverson and J.A.June, 16-63.
- Fowler, C.W. (1999a). "Nature's Monte Carlo Experiments in Sustainability." NOAA Technical Memorandum, NMFS-F/SPO-40, U.S.DOC, NOAA, NMFS. pp.25-32.

Chapter 3

- Fowler, C.W. (1999b). "Management of multi-species fisheries: from overfishing to sustainability." ICES Journal of Marine Science, 56, pp.927-932.
- Fowler, C.W., Baker, J.D., Shelden, K.E.W., Wade, P.R., DeMaster, D.P., and Hobbs, R.C. (1999) "Sustainability: empirical examples and management implications." University of Alaska Sea Grant College Program, AK-SG-99-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.305-314.
- Fowler, C.W., and Perez, M.A. (1999). "Constructing Species Frequency Distributions - a step toward systemic management." NOAA Technical Memorandum, NMFS-AFSC-109, U.S.DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115-0700.pp.59.
- Fowler, C.W., Scordino, J., Merrell, T.R., and Kozloff, P. (1985). "Entanglement of fur seals from the Pribilof Islands." NOAA Technical Memorandum, NMFS F/NWC-71, U.S.DOC, NOAA.pp.22-23.
- Francis, R.C., and Hare, S.R. (1994). "Decadal-scale regime shifts in the large marine ecosystems of the North-east Pacific: a case for historical science." Fisheries Oceanography, 3, pp.279-291.
- Francis, R.C., Aydin, K., Merrick, R.L., and Bollens, S. (1999). "Modeling and management of the Bering Sea ecosystem." Dynamics of the Bering Sea, T.R.Loughlin and K.Ohtani, eds., University of Alaska Sea Grant, Fairbanks, AK. pp.409-433.
- Francis, R.C., Hare, S.R., Hollowed, A.B., and Wooster, W.S. (1998). "Effects of interdecadal climate variability on the oceanic ecosystems of the northeast Pacific Ocean." Fisheries Oceanography, 7(1), pp.1-21.
- Franson, J.C., Petersen, M.R., Meteyer, C.U., and Smith, M.R. (1995). "Lead poisoning of spectacled eiders (*Somateria fischeri*) and of a common eider (*Somateria mollissima*) in Alaska." Journal of Wildlife Diseases, 31, pp.268-271.
- Fraser, G.A. (1978). "License Limitation in the British Columbia Salmon Fishery." Limited Entry as a Fishery Management Tool, proceedings of a national conference, Denver, 1978, R.B.Rettig and J.J.C.Ginter, eds., University of Washington Press, Seattle, WA. pp.358-381.
- Fredin, R.A. (1987). "History of Regulation of Alaskan Groundfish Fisheries." NWAFC Processed Report, 87-07, U.S.DOC, NOAA, NMFS, Seattle, WA. pp.63.
- Freese, J.L. (2003 in press). Trawl-induced damage to sponges observed from a research submersible. Marine Fisheries Review. In Press.
- Freese, L., Auster, P.J., Heifetz, J., and Wing, B.L. (1999). "Effects of trawling on seafloor habitat and associated invertebrate taxa in the Gulf of Alaska." Marine Ecology Progress Series, 182, pp.119-126.
- French, R., Wall, J., and Wespestad, V. (1977). "The catch of rockfish other than Pacific ocean perch by Japan and the U.S.S.R. in the Gulf of Alaska." Document submitted to the annual meeting of the INPFC 1977. Northwest and Alaska Fish.Sci.Center, NMFS NOAA, 2725 Montlake Blvd.E.Seattle, WA 98112.
- Freon, P., Gerlotto, F., and Soria, M. (1992). "Changes in school structure according to external stimuli: description and influence on acoustic assessment." Fisheries Research, 15, pp.45-66.
- Frimmer, O. (1994). "Autumn arrival and moult in King Eiders (*Somateria spectabilis*) at Disko, west Greenland." Arctic, 47, pp.137-141.
- Frimodt, C. (1995). Multilingual illustrated guide to the world's commercial coldwater fish..Fishing News Books, Osney Mead, Oxford, England.215 p.

Chapter 3

- Fritz, L. (1996a). "Squid and other species." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.pp.421-435.
- Fritz, L. (1999a). "Squid and other species." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Region, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252 pp.29.
- Fritz, L.W. (1996b). "Juvenile walleye pollock (*Theragra chalcogramma*) bycatch in commercial groundfish fisheries in Alaskan waters." Ecology of Juvenile Walleye Pollock (*Theragra chalcogramma*) R.D.Brodeur, P.A.Livingston, T.R.Loughlin, and A.B.Hollowed, eds., U.S.DOC, NOAA, NOAA Technical Report NMFS 126.
- Fritz, L.W. (1999b). "Summary of changes in the Bering Sea - Aleutian Islands squid and other species assessment." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands as projected for 2000, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Fritz, L., and Ferrero, R. (1998). "Options in Steller sea lion recovery and groundfish fishery management." Biosphere Conservation, 1, pp.7-20.
- Fritz, L.W., Ferrero, R.C., and Berg, R.J. (1995). "The threatened status of Steller sea lions (*Eumetopias jubatus*) under the Endangered Species Act: Effects on Alaska Groundfish Management." Marine Fisheries Review, 57(2), pp.14-27.
- Fritz, L.W., Greig, A., and Reuter, R.F. (1998). "Catch-per-unit, length, and depth distributions of major groundfish and bycatch species in the Bering Sea, Aleutian Islands, and Gulf of Alaska regions based on groundfish fishery observer data." NOAA Technical Memorandum, NMFS-AFSC-88, U.S.DOC.pp.179.
- Fritz, L.W., Wespestad, V.G., and Collie, J.S. (1993). "Distribution and abundance trends of forage fishes in the Bering Sea and Gulf of Alaska." Alaska Sea Grant Report, 93-01, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.30-43.
- Frost, K.J. (1994). Gray whale species account.ADF&G Wildlife Notebook Series.Accessed on 29 July 2002 from website: <http://www.state.ak.us/adfg/notebook/noteshome.htm>
- Frost, K.J., and Lowry, L.F. (1980). "Feeding of ribbon seals (*Phoca fasciata*) in the Bering Sea in spring." Canada Journal Zoology, 58, pp.1601-1607.
- Frost, K.J., and Lowry, L.F. (1981). "Foods and trophic relationships of cetaceans in the Bering Sea." The Eastern Bering Sea Shelf: Oceanography and Resources, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, WA, pp.825-836.
- Frost, K.J., and Lowry, L.F. (1990). "Distribution, abundance, and movements of beluga whales (*Delphinapterus leucas*) in coastal waters of western Alaska." Advances in research on the beluga whale (*Delphinapterus leucas*) T.G.Smith, D.J.St.Aubin, and J.R.Geraci, eds., pp.39-57.
- Frost, K.J.and Lowry, L.F. (1995). Radio tag-based correction factors for use in beluga whale population estimates.Working paper for Alaska Beluga Whale Committee Scientific Workshop.Anchorage, AK.5-7 April 1995.12 pp.ADF&G, Fairbanks, AK.
- Frost, K.J., Lowry, L.F., Gilbert, J.R., and Burns, J.J. (1988). "Ringed seal monitoring: relationships of distribution and abundance to habitat attributes and industrial activities." Final Rep.Contract, 84-ABC-00210, U.S.Department of the Interior, Minerals Management Service, Anchorage, AK. pp.101.

Chapter 3

- Frost K.J., Lowry, L.F., and Ver Hoef, J.M. (1999). Monitoring the trend in harbor seals in Prince William Sound, Alaska, after the Exxon Valdez oil spill. *Marine Mammal Science* 15: 494-506.
- Fry, D.M., Grau, C.R., and Addiego, L.A. (1987). "Seabird Oil Toxicity Study." OCS Publication, MMS-87-0005, U.S. Department of the Interior, Minerals Management Service, Anchorage, AK. pp.215.
- Funk, F. (2003). Overview of state-managed marine fisheries in southwestern Alaska, with reference to the southwest stock of sea otters. ADF&G, Division of Commercial Fisheries, Regional Information Report 5J03-02, Juneau, AK.
- Funk, Fritz. (1994). Pacific Herring. Accessed on June 13, 2003. Available on-line at <http://www.state.ak.us/adfg/notebook/fish/herring.htm>.
- Furness, R.W. (1978). "Energy requirements of seabird communities: a biogenergetics model." *Journal of Animal Ecology*, 47, pp.39-53.
- Furness, R.W. (1982). "Competition between fisheries and seabird communities." *Advances in Marine Biology*, 20, pp.225-307.
- Furness, R.W. (1984). "Seabird-fisheries relationships in the northeast Atlantic and North Sea." Canadian Wildlife Service Publication, CW66-65/1984. pp.162-169.
- Furness, R.W. (1999). "Will reduced discarding help or harm seabird populations?" AK-SG-99-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.
- Furness, R.W., and Ainley, D.G. (1984). "Threats to seabird populations." *Bird Preservation*, 2, pp.179-186.
- Furness, R.W., and Monaghan, P. (1987). *Seabird ecology*, Chapman & Hall, New York, NY.
- Furness, R.W., and Tasker, M.L. (1997). "Seabird consumption in Sand Lance MSCPA models for the North Sea, and the impact of industrial fishing on seabird population dynamics." *Forage Fishes in Marine Ecosystems: proceedings of a conference*, pp.147-169.
- Gabrielson, I.N., and Lincoln, F.C. (1959). *Birds of Alaska*, The Stackpole Co., Harrisburg, PA. 922 pp.
- Gaichas, S. (2002). Summary of Change in the Bering Sea-Aleutian Islands Squid and Other Species Assessment. Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.669.
- Gaichas, S. (2002). NPFMC Bering Sea/Aleutian Islands SAFE 2002: Squid and Other Species, Section 15. November 2002.
- Gaichas, S., and Ianelli, J.N. (2001). "Assessment of Thornyheads (*Sebastolobus* sp.) in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.9-1.
- Gaichas, S., and Ianelli, J.N. (2002). "Assessment of Thornyheads (*Sebastolobus* sp.) in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC. 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.459.
- Gaichas, S., Fritz, L.W., and Ianelli, J.N. (1999). "Other species considerations for the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands as projected for 2000, NPFMC. 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Gales, R. (1998). "Albatross populations: status and threats." *Albatross Biology and Conservation*, G. Robertson and G.R., eds., Surrey Beatty & Sons, Chipping Norton, NSW, Australia, pp.20-45.

Chapter 3

- Gales, R., Brothers, N., and Reid, T. (1998). "Seabird mortality in the Japanese tuna longline fishery around Australia, 1988-1995." *Biol.Conserv.*, 86, pp.37-56.
- Gambell, R. (1976). "Population biology and the management of whales." *Applied Biological*, 1, pp.247-343.
- Gambell, R. (1985). "Sei whale (*Balaenoptera borealis*) (Lesson, 1828)." *Handbook of Marine Mammals*, S.H.Ridgway and R.Harrison, eds., Academic Press, London, pp.155-170.
- GAO. (1991). "Fisheries: Commerce Needs to Improve Fisheries Management in the North Pacific." Report to the Honorable Les AuCoin, House of Representatives, RCED-91-9638, General Accounting Office, Washington, DC.pp.38.
- Garcia, S.M. (1996). "The precautionary approach to fisheries and its implications for fishery research, technology and management: an updated review." *Precautionary Approach to Fisheries, Part 2: Scientific Papers*, Food and Agriculture Organization of the United Nations, Rome, pp.1-76.
- Garner, G.W., and Reynolds, P.E. (1986). "Arctic National Wildlife Refuge coastal plain resource assessment, baseline study of the fish, wildlife and their habitats." Final report, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.392.
- Garshelis, D.L., and Garshelis, J.A. (1984). "Movements and management of sea otters in Alaska." *Journal of Wildlife Management*, 48(3), pp.665-678.
- Garthe, S., and Huppopp, O. (1994). "Distribution of ship-following seabirds and their utilization of discards in the North Sea in summer." *Marine Ecology Progress Series*, 106, pp.1-9.
- Garthe, S., Walter, U., Tasker, M.L., Becker, P.H., Chapdelaine, G., and Furness, R.W. (1999). "Evaluation of the role of discards in supporting bird populations and their effects on the species composition of seabirds in the North Sea." *ICES Cooperative Research Report*, 232.pp.66.
- Gaskin, D.E. (1984). "The harbor porpoise (*Phocoena phocoena* L.) Regional populations, status, and information on direct and indirect catches.In *Diets of Seabirds and Consequences of Changes in Food Supply*." Report of the International Whaling Commission, 34, pp.569-586.
- Gaudet, D. (2002). "Atlantic Salmon A White Paper." March 5, 2002.ADF&G, PO Box 25526, Juneau, AK 99802-5536.
- Gauvin, J.R., Haflinger, K., and Nerini, M. (1995). "Implementation of a voluntary bycatch avoidance program in the flatfish fisheries of the eastern Bering Sea." *Solving Bycatch: considerations for today and tomorrow*, University of Alaska Fairbanks, AK Sea Grant College.
- Gearin, P.J., Melin, S.R., DeLong, R.L., Kajimura, H., and Johnson, M.A. (1994). "Harbor porpoise interactions with a chinook salmon set-net fishery in Washington state." Special Issue, 15, Report of the International Whaling Commission. pp.427-438.
- Gearin, P.J. (1985). Northern sea lion specimens collected aboard the R.V.Zakharova, Central Bering Sea, 1985: summary of stomach analysis and disposition of material.Unpublished report, 14 pp.Available Alaska Fisheries Science Center, 7600 Sand Point Way NE., Seattle, WA 98115.
- Gearin, P.J. (1986). Stomach contents, age, and sex of northern sea lions collected from St.Paul Islands, Alaska in 1985 and 1986.Unpublished report, 15 pp.Available Alaska Fisheries Science Center, 7600 Sand Point Way NE., Seattle, WA 98115.
- Gearin, P.J. (Unpublished). "Stomach contents, age, and sex of northern sea lions collected from St.Paul Island, Alaska in 1985 and 1986.", U.S.DOC, NMFS, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115. pp.15.
- Gentry, R.L. (1970). "Social behavior of the Steller sea lion." University of California, Santa Cruz.
- Gentry, R.L., and Kooyman, G.L. (1986). "Fur Seals." *Maternal Strategies on Land and At Sea*, Princeton University Press, Princeton, NJ.

Chapter 3

- Gerasimov, N.N. (1972). "Summer distribution and numbers of Anseriformes on Karaginski Island." Waterfowl Resources of the USSR, their reproduction and management, Moscow State University, Moscow, Russia.
- Gharrett, A.J., and Gray, A.K. (1998). "Final report on intra and interspecific genetic variation of mtDNA in rockfish (Sebastes)." Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, Juneau, AK 99801. Unpublished contract report. 18 pp.
- Gilkinson, K., Paulin, M., Hurley, S., and Schwinghamer, P. (1998). "Impacts of trawl door scouring on infaunal bivalves: results of a physical trawl door model/dense sand interaction." *Journal of Experimental Marine Biology and Ecology*, 224(2), pp.291-312.
- Gill, R.E., Petersen, M.R., and Jorgensen, P.D. (1981). "Birds of the northcentral Alaska Peninsula, 1976-1980." *Arctic*, 34, pp.286-306.
- Gilmore, R.G. (1993). Reproductive biology of lamnoid sharks. *Environmental Biology of Fishes* 38: 95-114.
- Gilroy, H.L. and S.H. Hoag. (1998). The Pacific Halibut Fishery, 1997. 1998 IPHC Annual Meeting Handout. From the 74th Annual Meeting of the International Pacific Halibut Commission. Available on-line at <http://www.iphc.washington.edu/halcom/pubs/annmeet/1998/bluebook/schedule.htm>
- Ginter, J., and Muse, B. (2002). Rights-based fishery management systems in marine fisheries off Alaska. Paper presented at the 2002 IIFET meeting, Wellington, New Zealand.
- Ginter, J.J.C., and Rettig, R.B. (1978). "Limited Entry Revisited." *Limited Entry as a Fishery Management Tool*, R.B. Rettig and J.J.C. Ginter, eds., University of Washington Press, Seattle, WA pp.157-172.
- Giraud, K., Turcin, B., Loomis, J., and Cooper, J. (2002). Economic benefit of the protection program for the Steller sea lion. *Marine Policy* 26 (6):451-458.
- Gisiner, R.C. (1985). "Male territorial and reproductive behavior in the Steller sea lion (*Eumetopias jubatus*)." University of California, Santa Cruz.
- Gislason, H. (1991). "The influence of variations in recruitment on multispecies yield predictions in the North Sea." *ICES Marine Science Symposia*, 193, pp.50-59.
- Gislason, H. (1993). "Effect of changes in recruitment levels on multispecies long-term predictions." *Canadian Journal of Fisheries and Aquatic Science*, 50, pp.2315-2322.
- Gizenko, A.I. (1955). *Birds of Sakhalin Island*, Acad.Sci.USSR, Moscow. 328 pp.
- Goddard, P.D., and Rugh, D.J. (1998). "A group of right whales seen in the Bering Sea in July 1996." *Marine Mammal Science*, 14(2), pp.344-349.
- Goebel, M.E., Bengtson, J.L., DeLong, R.L., Gentry, R.L., and Loughlin, T.R. (1991). "Diving patterns and foraging locations of female northern fur seals." *Fishery Bulletin*, 89, pp.171-179.
- Golet, G.H. (1998). "The breeding and feeding ecology of pigeon guillemots at Naked Island, Prince William Sound, Alaska." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 97163F, U.S. Department of the Interior, U.S. Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503.
- Golet, G.H., Kuletz, K.J., Roby, D.D., and Irons, D.B. (2000). "Adult prey choice affects chick growth and reproductive success in pigeon guillemots." *Auk*, 117(1), pp.82-91.
- Gorbics, C.S., Garlich-Miller, J.L., and Schliebe, S.L. (1998). "Draft Alaska marine mammal stock assessments 1998 sea otters, polar bears, and walrus." U.S. Department of the Interior, U.S. Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503. pp.45.

Chapter 3

- Gorbics, G.S., and Bodkin, J.E. (In press). "Stock identity of sea otters in Alaska." U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503.
- Gordon, H.S. (1954). "The Economic Theory of Common Property Resource." *Journal of Political Economy*, 62 (April), pp.124-142.
- Gorelova, T.A. (1980). "Feeding of deep-sea fish of the genus *Cyclothone* (Gonostomatidae, Pisces)." *Oceanology*, 20, pp.209-214.
- Gorelova, T.A., and Kobylyanskiy, S.G. (1985). "Feeding of deep sea fishes of the Family Bathylagidae." *Journal of Ichthyology*, 25(5), pp.89-100.
- Gosho, M.E., Rice, D.W., and Breiwick, J.M. (1984). "The sperm whale (*Physeter macrocephalus*)" *Marine Fisheries Review*, 46(4), pp.54-64.
- Goudie, R.I., Brault, S., Conant, B., Kondratyev, A.V., Peterson, M.R., and Vermeer, K. (1994). "The status of sea ducks in the North Pacific Rim: towards their conservation and management." *Transactions of the North American Wildlife and Natural Resources Conference*, 59, pp.27-49.
- Gould, P.J. (1983). "Seabirds between Alaska and Hawaii." *Condor*, 85, pp.286-291.
- Gould, P.J., Hatch, S.A., and Lensink, C.J. (1982). "Pelagic distribution and abundance of seabirds in the Gulf of Alaska and eastern Bering Sea." FWS/OBS - 82/48, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.294.
- Gould, P.J., Ostrom, P., Walker, W., and Pilichowski, K. (1998). "Laysan and black-footed albatrosses: trophic relationships and driftnet fisheries associations of non-breeding birds." *Albatross Biology and Conservation*, G.Robertson and R.Gales, eds., Surry Beatty & Sons, Chipping Norton, NSW, Australia, pp.199-207.
- Gould, P.J., Walker, W.W., and Ostrom, P. (1997). "Foods of northern fulmars associated with high-seas drift nets in the transitional region of the North Pacific." *Northwestern Naturalist*, 78, pp.57-61.
- Government Accounting Office. (2000). *Commercial Fisheries: Entry of Fishermen Limits Benefits of Buyback Programs*. RCED-00-120, Government Accounting Office, Washington, D.C.
- Grant, W.S., and Utter, F.M. (1980). Biochemical variation in walleye pollock *Theragra chalcogramma*: population structure in the southeastern Bering Sea and Gulf of Alaska. *Can J.Fish. Aquat. Sci.* 37:1093-1100.
- Grant, W.S., Zhang, C.I., Kobayashi, T., and Stahl, G. (1987). "Lack of genetic stock discretion in Pacific cod (*Gadus macrocephalus*)." *Canadian Journal of Fisheries and Aquatic Science*, 44, pp.490-498.
- Gratto-Trevor, C.L., Johnston, V.H., and Pepper, S.T. (1998). "Changes in shorebird and eider abundance in the Rasmussen Lowlands, NWT." *Wilson Bulletin*, 110, pp.316-325.
- Gréboval, D., and Munro, G. (1999). *Overcapitalization and Excess Capacity in World Fisheries: Underlying Economics and Methods of Control*. In *Managing Fishing Capacity: Selected Papers on Underlying Concepts and Issues*. FAO Fisheries Technical Paper.No.386. Food and Agriculture Organization, Rome.
- Greene, D.H., and Babbitt, J.K. (1990). "Control of muscle softening and protease-parasite interactions in arrowtooth flounder (*Atheresthes stomias*)." *Journal of Food Science*, 55(2), pp.579-580.
- Greenstreet, S.P.R., and Rogers, S.I. (2000). "Effects of fishing on non-target fish species." *Effects of Fishing on Non-target Species and Habitats*, M.J.Kaiser and S.J.de Groot, eds., Blackwell Science, Oxford, pp.217-234.
- Gremillet, D., Wilson, R.P., Wanless, S., and Chater, T. (2000). "Black-browed albatrosses, international fisheries and the Patagonian Shelf." *Marine Ecology Progress Series*, 195, pp.269-280.

Chapter 3

- Groot, C., and Margolis, L. (1991). Pacific Salmon Life Histories, UBC Press, Vancouver, British Columbia, Canada. 564 pp.
- Grover, J.J. (1990a). "Feeding ecology of late-larval and early juvenile walleye pollock (*Theragra chalcogramma*) from the Gulf of Alaska in 1987." *Fishery Bulletin*, 88(3), pp.463-470.
- Gulf of Alaska Coastal Communities Coalition. (2000). Community purchase of halibut and sablefish individual fishing quota shares discussion paper. Gulf of Alaska Coastal Communities Coalition, Anchorage, AK.
- Gunderson, D.R. (1972). "Evidence that Pacific ocean perch (*Sebastes alutus*) in Queen Charlotte Sound form aggregations that have different biological characteristics." *J.Fish.Res.Bd.Canada* 29: 1061-1070.
- Gunderson, D.R. (1980). Using r-K selection theory to predict natural mortality. *Can J.Fish. Aquat. Sci.* 37:1522-1530.
- Gurevich, V.S. (1980). "Worldwide distribution and migration patterns of the white whale (beluga) (*Delphinapterus leucas*)." Report of the International Whaling Commission. pp.465-480.
- Hacker, E.S. (1986). "Stomach content analysis of short-finned pilot whales and northern elephant seals from the Southern California Bight." SWFSC Administrative Report, LJ-86-08C. pp.34.
- Hafflinger, K.E., and McRoy, C.P. (1983). "Yellowfin sole (*Limanda aspera*) predation on three commercial crab species (*Chionecetes opilio*, *C. bairdi* and *Paralithodes camtschatica*) in the southeastern Bering Sea." Final Report. U.S. NMFS contract 82-ABC-00202, Institute of Marine Science, University of Alaska, Fairbanks, AK.
- Haflinger, K. (1981). "A Survey of Benthic Infaunal Communities of the Southeastern Bering Sea Shelf." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, Washington. pp.1091-1104.
- Hagerman, F.B. (1952). "The biology of the dover sole, *Microstomus pacificus* (Lockington)." *California Division of Fish and Game Fisheries Bulletin*, 78, pp.64.
- Hairston Jr., N.G., Smith, F.E., and Slobodkin, L.B. (1960). "Community structure, population control and competition." *American Naturalist*, 94, pp.421-425.
- Hall, R.H. (1972). *Organizations: Structure and Process*, Prentice-Hall, Inc., Englewood Cliffs, NJ. 331 pp.
- Hall, S.J. (1999). *The effects of fishing on marine ecosystems and communities*, Blackwell Science, Oxford. 274 pp.
- Hall, S.J. (1999a). "Managing fisheries within ecosystems: can the role of reference points be expanded?" *Aquatic Conservation: Marine and Freshwater Ecosystems*, 9, pp.579-583.
- Halvorson, R., Khalil, F., and Lawarree, J. (2000). "Inshore Sector Catcher Vessel Cooperatives in the Bering Sea/Aleutian Islands Pollock Fisheries." Discussion paper prepared for the NPFMC.
- Hampton, M.A., Carlson, P.R., Lee, H.J., and Feely, R.A. (1986). "Geomorphology, sediment, and sedimentary processes." *The Gulf of Alaska: Physical Environmental and Biological Resources*, D.W.Hood and S.T.Zimmerman, eds., U.S.DOC, NOAA and Department of the Interior, MMS, pp.93-143.
- Haney, J.C. (1991). "Influence of pycnocline topography and water-column structure on marine distributions of alcids (Aves: Alcidae) in Anadyr Strait, Northern Bering Sea, Alaska." *Marine Biology*, 110, pp.419-435.
- Hanna, G. (1920). "Mammals of the St. Matthew Islands, Bering Sea." *Journal of Mammalogy*, 1, pp.118-122.

Chapter 3

- Hanna, S. (1997). "The New Frontier of American Fisheries Governance." *Ecological Economics*, 20, pp.221-233.
- Hanski, I. (1997). "Be diverse, be predictable." *Nature*, 390, pp.440-441.
- Hare S.R. and Mantua, N. J. (2000). Empirical evidence for North Pacific regime shifts in 1977 and 1989. *Progress in Oceanography* 47: 103-145
- Hare, S.R., and Francis, R.C. (1995). "Climate change and salmon production in the Northeast Pacific Ocean. Climate Change and Northern Fish Populations." Canadian Special Publication of Fisheries and Aquatic Sciences, 121, pp.357-372.
- Hare, S.R., Minobe, S., Wooster, W.S., and McKinnell, S. (2000). An introduction to the PICES symposium on the nature and impacts of North Pacific climate regime shifts. Editorial. *Progress in Oceanography* 47 (2000): 99-102.
- Harris, M.P., and Hislop, J.R.G. (1978). "The food of young Puffins *Fratercula arctica*." *Journal of Zoology (London)*, 185, pp.213-236.
- Harrison, C.S. (1979). "The association of marine birds and feeding gray whales." *Condor*, 81, pp.93-95.
- Harrison, C.S., Hida, T.S., and Seki, M.P. (1983). "Hawaiian seabird feeding ecology." *Wildlife Monographs*, 47, pp.1-70.
- Harrison, P. (1983). *Seabirds: an identification guide*. Houghton Mifflin, Boston, 448 pp.
- Hart, J.L. (1973). "Pacific fishes of Canada." *Fisheries Research Board of Canada Bulletin*, 180, Canadian Government Publishing Centre, Supply and Services Canada, Ottawa, K1A 0S9. pp.740.
- Hartley, M., and Fina, M. (2001a). Allocation of individual fishing quota in the Alaska Pacific halibut and sablefish fisheries. In Shotton, R. (ed.), *Case Studies on the Effects of Transferable Fishing Rights on Fleet Capacity and Concentration of Quota Ownership*. FAO Fisheries Technical Paper 411, Food and Agriculture Organization, Rome.
- Hartley, M., and Fina, M. (2001b). Changes in fleet capacity following the introduction of individual fishing quotas in the Alaskan Pacific halibut and sablefish fishery. In Shotton, R. (ed.), *Case Studies on the Effects of Transferable Fishing Rights on Fleet Capacity and Concentration of Quota Ownership*. FAO Fisheries Technical Paper 412, Food and Agriculture Organization, Rome.
- Hartwick, E.B. (1983). Chapter 17 - Octopus *dofleini*. In *Cephalopod life cycles*, Vol.1. pp.277-291. Academic Press, London.
- Harvey, J.T. (1989). "Food habits, seasonal abundance, size, and sex of the blue shark (*Prionace glauca*) in Monterey Bay, California." *California Fish and Game* 75(1): 33-44.
- Hasegawa, H., and DeGange, A.R. (1982). "The short-tailed albatross, *Diomedea albatrus*: its status, distribution, and natural history." *American Birds*, 36, pp.806-814.
- Hatch, S.A. (1987). "Did the 1982-1983 El Nino-Southern Oscillation affect seabirds in Alaska?" *The Wilson Bulletin*, 99, pp.468-474.
- Hatch, S.A. (1993). "Ecology and population status of Northern Fulmars *Fulmarus glacialis* of the North Pacific." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service, pp.83-92.
- Hatch, S.A., Byrd, G.V., Irons, D.B., and Hunt Jr., G.L. (1990). "Status and ecology of kittiwakes in the North Pacific." *Proceedings of the Pacific Seabird Group Symposium*, Victoria, B.C., pp.21-25.

Chapter 3

- Hatch, S.A., Byrd, G.V., Irons, D.B., and Hunt Jr., G.L. (1993). "Status and ecology of kittiwakes (*Rissa tridactyla* and *R. brevirostris*) in the North Pacific." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service, pp.140-153.
- Hatch, S.A., and Nettleship, D.N. (1998). "Northern Fulmar (*Fulmarus glacialis*)." The birds of North America, A.Poole and F.Gill, eds., The Birds of North America, Inc., Philadelphia.
- Hatch, S.A., Nysewander, D.R., DeGange, A.R., Petersen, M.R., Baird, P.A., Wohl, K.D., and Lensink, C.J. (1978). "Population dynamics and trophic relationships of marine birds in the Gulf of Alaska and southern Bering Sea." NOAA/OCSEAP, 3, OCSEAP, Annual Reports, period ending March 1978, pp.1-908.
- Hatch, S.A., Meyers, P.M., Mulcahy, D.N., and Douglas, D.C. (1996). "Seasonal movements and pelagic habitat use of murres and puffins determined by satellite telemetry." Exxon Valdez Oil Spill Restoration Project Final Report, Restoration Project 95021, National Biological Service, Anchorage, AK. pp.90.
- Hatch, S.A., and Sanger, G.A. (1992). "Puffins as samplers of juvenile pollock and other forage fish in the Gulf of Alaska." Marine Ecology Progress Series, 80, pp.1-14.
- Hattori, A. (1979). "Preliminary report of the Haukho Maru cruise KH-78-3." Ocean Research Institute, University of Tokyo, Japan.
- Hattori, A., and Goering, J.J. (1986). "Nutrient distributions and dynamics in the eastern Bering Sea." The Eastern Bering Sea Shelf: Oceanography and Resources, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, WA, pp.975-992.
- Hawkins, S., Heifetz, J., Pohl, J., and Wilmot, R. (1997). "Genetic population structure of rougheye rockfish (*Sebastes aleutianus*) inferred from allozyme variation. In Quarterly Report, July-August-September 1997, pp.1-10. Alaska Fisheries Science Center, 7600 Sandpoint Way, Seattle, WA 98115.
- Hayes, D.L., and Kuletz, K.J. (1997). "Decline of pigeon guillemot populations in Prince William Sound, Alaska, and apparent changes in distribution and abundance of their prey." Alaska Sea Grant Report, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775, pp.699-706.
- Hazard, K. (1988). "Beluga whale (*Delphinapterus leucas*)." Selected marine mammals of Alaska. Species accounts with research and management recommendations, J.W.Lentfer, ed., Marine Mammal Commission, Washington, DC, pp.195-235.
- Healey, M.C. (1991). The life history of chinook salmon. In: Pacific Salmon Life Histories. C.Groot and L.Margolis (eds.). U.B.C. Press. pp 311-393.
- Healy, M.C., and Hennessey, T. (1988). "The paradox of fairness: the impact of escalating complexity on fishery management." Marine Policy, 22(2), pp.109-118.
- Heifetz, J. (2000). "Coral in Alaska: Distribution, abundance, and species associations." International Coral Symposium, Halifax, Nova Scotia.
- Heifetz, J. (2002). "Coral in Alaska: Distribution, abundance, and species associations." Hydrobiologia 471:19-28.
- Heifetz, J., and Ackley, D. (1997). "Bycatch in rockfish fisheries in the Gulf of Alaska." Unpublished manuscript, U.S. DOC, NOAA, NMFS, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, AK 99801, pp.17.
- Heifetz, J., and Clausen, D.M. (1991). "Slope rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.362-396.

Chapter 3

- Heifetz, J., Courtney, D.L., Clausen, D.M., Fujioka, J., and Ianelli, J.N. (2001). "Slope Rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.6-1
- Heifetz, J., Courtney, D.L., Clausen, D.M., Hanselman, D., Fujioka, J.T., and Ianelli, J.N. (2002). "Slope Rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.295
- Heifetz, J., and Fujioka, J.T. (1991). "Movement dynamics of tagged sablefish in the northeastern Pacific Ocean." *Fisheries Research*, 11, pp.355-374.
- Heifetz, J., Ianelli, J.N., and Clausen, D.M. (1997). "Slope rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 1998, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.248-289.
- Heifetz, J., Ianelli, J.N., Clausen, D.M., and Fujioka, J.T. (1999). "Slope rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2000, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.307-404.
- Hermann, A.J., Hinckley, S., Megrey, B.A., and Staben, P.J. (1996). "Interannual variability of the early life history of walleye pollock near Shelikof Strait as inferred from a spatially explicit, individual - based model." *Fisheries Oceanography*, 5(Suppl.1), pp.39-57.
- Hesse, L.W. (1994). "The status of Nebraska fishes in the Missouri River, 3. Channel catfish (*Ictaluridae*: *Ictalurus punctatus*)." *Transactions of the Nebraska Academy of Sciences*, 21, pp.73-87.
- Heyning, J.E. (1989). "Cuvier's beaked whale (*Ziphius cavirostris* G.Cuvier,) 1823." *Handbook of Marine Mammals: River Dolphins and the Larger Toothed Whales*, S.H.Ridgway and R.Harrison, eds., Academic Press, New York, pp.289-308.
- Heyning, J.E., and Dalheim, M.E. (1988). "Orcinus orca. Mammalian Species Account." *American Society of Mammalogists*, 304, pp.1-9, 4 figures.
- Hiatt, T., Felthoven, R. and Terry, J. (2001). Stock Assessment and Fishery Evaluation Report for the Groundfish Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Island Area: Economic status of the groundfish fisheries off Alaska, 2000. Resource Ecology and Fisheries Management Division, Alaska Fisheries Science Center, NMFS.
- Hickman, C., and Nesbitt, E.A. (1980). "Holocene mollusk distribution patterns in the northern Gulf of Alaska. Quaternary depositional environments of the Pacific coast." *Pacific Coast Paleography Symposium*, Los Angeles, CA, pp.305-312.
- Hilborn, R., and Walters, C.J. (1992). *Quantitative Fisheries Stock Assessment: Choice, Dynamics and Uncertainty*, Chapman and Hall, New York. 570 pp.
- Hill, P.S., and DeMaster, D.P. (1999). "Alaska Marine Mammal Stock Assessments, 1999." NOAA Technical Memorandum, NMFS-AFSC-110, DOC, NMFS, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115. pp.166.
- Hill, P.S., DeMaster, D.P., and Small, R.J. (1997). "Alaska Marine Mammal Stock Assessments, 1996." NOAA Technical Memorandum, NMFS-AFSC-78, U.S. DOC, NMFS, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115. pp.154.
- Hill, P.S., Laake, J.L., and Mitchell, E. (1999). "Results of a pilot program to document interactions between sperm whales and longline vessels in Alaska waters." NOAA Technical Memorandum, NMFS-AFSC-108, U.S. DOC, NOAA. pp.42.

Chapter 3

- Hines, A.H., and Ruiz, G.M. (2000). "Biological invasions of cold-water coastal ecosystems: ballast-mediated introductions in Port Valdez/Prince William Sound, Alaska." Final Project Report,, Smithsonian Environmental Research Center, P.O.Box 28, 647 Contees Wharf Road, Edgewater, MD 21037-0028.
- Hirschberger, W.A., and Smith, G.B. (1983). "Spawning of twelve groundfish species in the Alaska and Pacific coast regions, 1975-1981." NOAA Technical Memorandum, NMFS F/NWC-44, U.S. DOC, NOAA. pp.50.
- Hobbs, R.C., and Jones, L.L. (1993). "Impacts of high seas driftnet fisheries on marine mammal populations in the North Pacific." International North Pacific Fisheries Commission Bulletin, 53, International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2. pp.409-434.
- Hobbs, R.C., and Rugh, D.J. (1999). "The abundance of gray whales in the 1997-98 southbound migration in the eastern North Pacific." Paper SC/51/AS10 presented to the IWC Scientific Committee (unpublished).
- Hodge, R.P. (1979). "Dermochelys coriacea schlegeli (Pacific leatherback) USA: Alaska." Herpetological Review, 10(3), pp.102.
- Hodges, J.I., and Eldridge, W.D. (1995). "Aerial waterfowl surveys on the Arctic coast of eastern Russia, 1994." U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.47.
- Hodges, J., King, G., Conant, B., and Hanson, H.A. (1996). "Aerial surveys of waterbirds in Alaska 1957-94: population trends and observer variability." National Biological Service Information and Technology Report, 4, National Biological Service. pp.24.
- Hoenig, J.M. (1983). "Empirical use of longevity data to estimate mortality rates." Fisheries Bulletin, 82, pp.898-903.
- Hoening, J.M., and S.H.Gruber. (1990). Life-history patterns in the elasmobranchs: implications or fisheries management. pp.1-16. In H.L.Pratt, Jr.S.H.Gruber, and T.Taniuchi, eds.Elasmobranchs as living resources: advances in the biology, ecology, systematics, and the status of fisheries.NOAA Tech.Rep.NMFS 90.
- Hoffman, W., Heinemann, D., and Wiens, J.A. (1981). "The ecology of seabird feeding flocks in Alaska." Auk, 98, pp.437-456.
- Hogarth, W. (2001). Testimony of William T.Hogarth, Ph.D., Acting Assistant Administrator for Fisheries, NMFS, U.S. DOC, on capacity reduction programs and subsidies in fisheries before members of the Subcommittee on Fisheries Conservation, Wildlife and Oceans, Committee on Resources, U.S.House of Representatives, Washington, D.C., May 10, 2001.
- Hokkaido University. (1981). "Data Record of Oceanographic Observations and Exploratory Fishing." Hokkaido University Faculty of Fisheries. pp.351.
- Holland, D., and Ginter, J.J.C. (2000). "Common Property Institutions in the Alaskan Groundfish Fisheries." The 8th Biennial Conference of the International Association for the Study of Common Property (IASCP), Bloomington, IN.
- Holland, D., Gudmundsson, E., and Gates, J. (1999). Do fishing vessel buyback programs work: A survey of the evidence. Marine Policy 23 (1): 47-69.
- Hollowed, A.B., and Wooster, W.S. (1995). "Decadal-scale variations in the eastern Subarctic Pacific: II. Response of northeast Pacific fish stocks. In Climate Change and Northern Fish Populations." Canadian Special Publication of Fisheries and Aquatic Sciences, 121, pp.373-385.

Chapter 3

- Hollowed, A.B., Bax, N., Beamish, R.J., Collie, J., Fogarty, M., Livingston, P.A., Pope, J., and Rice, J.C. (2000a). "Are multispecies models an improvement on single-species models for measuring fishing impacts on marine ecosystems?" *ICES Journal of Marine Science*, 57, pp.in press.
- Hollowed, A.B., Brown, E., Ianelli, J., Livingston, P., Megrey, B., and Wilson, C. (1997). "Walleye pollock." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.pp.362-396.
- Hollowed, A.B., Hare, S.R., and Wooster, W.S. (1998). "Pacific-Basin climate variability and patterns of northeast Pacific marine fish production. In *Biotic Impacts of Extratropical Climate Variability in the Pacific*." Proceedings "Aha Huliko" a Hawaiian Winter Workshop, University of Hawaii at Manoa, pp.1-21.
- Hollowed, A.B., Ianelli, J.N., and Livingston, P.A. (2000b). "Including predation mortality in stock assessments: A case study involving Gulf of Alaska walleye pollock." *ICES Journal of Marine Science*, 57, pp.279-293.
- Hollowed, A.B., Megrey, B., Munro, P., and Karp, W. (1991). "Walleye pollock." Stock Assessment and Fishery Evaluation Report for the 1992 Gulf of Alaska Groundfish Fishery, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Hollowed, A.B., Brown, E., Livingston, P., Megrey, B., Spies, I., and Wilson, C. (1995). Walleye Pollock. In: Stock Assessment and Fishery Evaluation Report for the 1996 Gulf of Alaska Groundfish Fishery. 79 pp. Gulf of Alaska Groundfish Plan Team, NPFMC, P.O.Box 103136, Anchorage, AK 99510.
- Honkalehto, T. (1989). "A length-cohort analysis of walleye pollock based on empirical estimation of cannibalism and predation by marine mammals. Proceedings Intl.Symp.Biol.Management Walleye Pollock, November 1988." Alaska Sea Grant Report, 89-1, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.651-665.
- Horwood, J.W. (1987). *The Sei Whale: Population Biology, Ecology, and Management*, Croom Helm Ltd., Kent, England.375 pp.
- Hubbs, C.L., and Wilimovsky, N.J. (1964). "Distribution and synonymy in the Pacific Ocean and variation of the Greenland halibut, *Rheinhardtius hippoglossoides* (Walbaum)." *Journal of Fisheries Research Board of Canada*, 21, pp.1129-1154.
- Huguenin, M.T., Haury, D.H., Weiss, J.C., Helton, D., Manen, C.A., Reinharz, E., and Michel, J. (1996). "Injury assessment: Guidance document for natural resource damage assessment under the Oil Pollution Act of 1990." Prepared for Damage Assessment and Restoration Program, NOAA, Silver Spring, MD.
- Hulbert, L., Sigler, M., and Lundford C. (2002). Pacific Sleeper Shark Predation on Steller Sea Lions. D.Demaster and S.Atkinson, eds., *Steller Sea Lion Decline: Is it Food II?* University of Alaska Sea Grant, AK-SG-02-02, Fairbanks.80 pp.
- Hunt Jr. G.L. (1972). "The influence of food distribution and human disturbance on the reproductive success of herring gulls." *Ecology*, 53, pp.1051-1061.
- Hunt Jr. G.L. (1990). "The pelagic distribution of marine birds in a heterogeneous environment." *Polar Research*, 8, pp.43-54.
- Hunt Jr. G.L. (1991). "Marine birds and ice-influenced environments of polar oceans." *Journal of Marine Systems*, 2, pp.233-240.
- Hunt Jr. G.L. (1997). "Physics, zooplankton, and the distribution of least auklets in the Bering Sea - a review." *ICES Journal of Marine Science*, 54, pp.600-607.

Chapter 3

- Hunt Jr. G.L., and Byrd Jr., G.V. (1999). "Marine bird populations and the carrying capacity of the eastern Bering Sea." *The Bering Sea: Physical, Chemical and Biological Dynamics*, T.R. Loughlin and K. Ohtani, eds., Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.631-650.
- Hunt Jr. G.L., and Eppley, Z. (1981b). "Reproductive ecology, foods and foraging areas of seabirds nesting on the Pribilof Islands, 1975-79." *Environmental Assessment of the Alaskan Continental Shelf, Final Reports of Principal Investigators, RU-83*, U.S. DOC, NOAA, OCSEAP, Boulder, CO.
- Hunt Jr. G.L., and Harrison, N.M. (1990). "Foraging habitat and prey taken by least auklets at King Island, Alaska." *Marine Ecology Progress Series*, 65, pp.141-150.
- Hunt Jr. G.L., Baduini, C.L., Brodeur, R.D., Coyle, K.O., Kachel, N.B., Napp, J.M., Salo, S.A., Schumacher, J.D., Staben, P.J., Stockwell, D.A., Whitledge, T.E., and Zeeman, S.I. (1999a). "The Bering Sea in 1998: A Second Consecutive Year of Extreme Weather-forced Anomalies." *EOS, Trans. Amer. Geophys. Union.*, 80, pp.561, 565-566.
- Hunt Jr. G.L., Bakken, V., and Mehlum, F. (1996a). "Marine birds in the marginal ice zone of the Barents Sea in late winter and spring." *Arctic*, 49, pp.53-61.
- Hunt Jr. G.L., Barrett, R.T., Joiris, C., and Montevecchi, W.A. (1996b). "Seabird/fish interactions: an introduction." *ICES Cooperative Research Report*, 216, ICES. pp.87.
- Hunt Jr. G.L., Burgeson, B., and Sanger, G.A. (1981). "Feeding ecology of seabirds of the eastern Bering Sea." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D.W. Hood and J.A. Calder, eds., University of Washington Press, Seattle, WA, pp.629-647.
- Hunt Jr. G.L., Burgeson, B., and Sanger, G.A. (1981a). "Feeding ecology of seabirds of the eastern Bering Sea." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D.W. Hood and J.A. Calder, eds., University of Washington Press, Seattle, WA, pp.629-647.
- Hunt Jr. G.L., Coyle, K.O., Hoffman, S., Decker, M.B., and Flint, E.N. (1996c). "Foraging ecology of short-tailed shearwaters near the Pribilof Islands, Bering Sea." *Marine Ecology Progress Series*, 141, pp.1-11.
- Hunt Jr. G.L., Decker, M.B., and Kitaysky, A.S. (1996d). "Fluctuations in the Bering Sea Ecosystem as reflected in the reproductive ecology and diets of kittiwakes on the Pribilof Islands, 1975 to 1990." *Aquatic Predators and Their Prey*, S. Greenstreet and M.L. Tasker, eds., Blackwell, London, pp.142-153.
- Hunt Jr. G.L., Eppley, Z., and Schneider, D.C. (1986). "Reproductive performance of seabirds: the importance of population and colony size." *Auk*, 103, pp.306-317.
- Hunt Jr. G.L., Eppley, Z., Burgeson, B., and Squibb, R. (1981c). "Reproductive ecology, foods and foraging areas of seabirds nesting on the Pribilof Islands, 1975-79. *Environmental Assessment of the Alaskan Continental Shelf, Final Reports of Principal Investigators, RU-83*." DOC, NOAA, OCSEAP, Boulder, CO.
- Hunt Jr. G.L., Gould, P.J., Forsell, D.J., and Peterson Jr., H. (1981). "Pelagic distribution of marine birds in the eastern Bering Sea." *The eastern Bering Sea shelf: oceanography and resources*, D.W. Hood and J.A. Calder, eds., University of Washington Press, pp.689-718.
- Hunt Jr. G.L., Harrison, N.M., and Cooney, R.T. (1990). "The influence of hydrographic structure and prey abundance on foraging of Least Auklets." *Studies in Avian Biology*, 14, pp.7-22.
- Hunt Jr. G.L., Harrison, N.M., and Piatt, J.F. (1993). "Foraging ecology as related to the distribution of planktivorous auklets in the Bering Sea." *The status, ecology, and conservation of marine birds of the North Pacific*, K. Vermeer, K.T. Briggs, K.J. Morgan, and D. Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.18-26.

Chapter 3

- Hunt Jr. G.L., Kitaysky, A.S., Decker, M.B., Dragoo, D.E., and Springer, A.M. (1996e). "Changes in distribution and size of juvenile walleye pollock as indicated by seabird diets at the Pribilof Islands and by bottom trawl surveys in the eastern Bering Sea." NOAA Technical Report Ser., 126, U.S. DOC, NOAA. pp.133-147.
- Hunt Jr.G.L., Mehlum, F., Russell, R.W., Irons, D.B., Decker, M.B., and Becker, P.H. (1999b). "Physical processes, prey abundance, and the foraging ecology of seabirds." Proceedings of the 22nd International Ornithological Congress, held at University of Natal, Durban, South Africa, pp.2040-2056.
- Hunt Jr.G.L., Russell, R.W., Coyle, K.O., and Weingartner, T.J. (1998). "Comparative foraging ecology of planktivorous auklets in relation to ocean physics and prey availability." Marine Ecology Progress Series, 167, pp.241-259.
- Hunt Jr.G.L., and Schneider, D.C. (1987). "Scale-dependent processes in the physical and biological environment of marine birds." Seabirds: feeding ecology and role in marine ecosystems, J.P.Croxall, ed., Cambridge University Press, Cambridge, pp.7-42.
- Hunt Jr.G.L., Decker, M.B., and Kitaysky, A. (1995). "Fluctuations in the Bering Sea ecosystem as reflected in the reproductive ecology and diets of kittiwakes on the Pribilof Islands, 1975 to 1990." Aquatic Predators and their Prey, S.P.R.Greenstreet and M.L.Tasker, eds., Blackwell Scientific Publications, Oxford.
- Hunter, M.A. (1979). "Food resource partitioning among demersal fishes in the vicinity of Kodiak Island, Alaska," M.S., University of Washington, Seattle, WA.
- Huppert, D., Anderson, L., and Harding, R. (1992). Consideration of the potential use of individual transferable quotas in the North Pacific groundfish trawl fishery. Volume 2. Paper prepared for NOAA.
- Hutchings, J.A., Bishop, T.D., and McGregor-Shaw, C.R. (1999). "Spawning behavior of Atlantic cod, *Gadus morhua*: evidence of mate competition and mate choice in a broadcast spawner." Canadian Journal of Fisheries and Aquatic Science, 56, pp.97-104.
- Ianelli, J.N., Fritz, L., Honkalehto, T., Williamson, N., and Walters, G. (1998). Bering Sea-Aleutian Islands Walleye Pollock Assessment for 1999. In: Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands regions. NPFMC, Anchorage, AK, Section 1:1-79.
- Ianelli, J.N., and Ito, D.H. (1995). Thornyheads. In: Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as projected for 1996. Nov.1995. NPFMC, P.O.Box 103136, Anchorage, AK 99510.
- Ianelli, J.N., and Gaichas, S. (1999). "Stock assessment of Gulf of Alaska Thornyheads (*Sebastolobus* spp.)." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as projected for 2000, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.467-510.
- Ianelli, J.N., and Wilderbuer, T.K. (1995). "Greenland turbot (*Reinhardtius hippoglossoides*) Stock Assessment and Management in the eastern Bering Sea." Alaska Sea Grant Report, AK-SG-95-04, University of Alaska, Fairbanks, Fairbanks, AK 99775. pp.407-441.
- Ianelli, J.N., Barbeaux, S., Honkalehto, T., Walters, G. and Williamson, N. (2002b). Eastern Bering Sea Walleye Pollock Stock Assessment. In: Stock assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions. NPFMC, Anchorage, AK, Section 1:33-120

Chapter 3

- Ianelli, J.N., Fritz, L., Honkalehto, T., Williamson, N., and Walters, G. (1999b). "Bering Sea-Aleutian Islands Walleye Pollock Assessment for 1999." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands regions, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.1-79.
- Ianelli, J.N., Minte-Vera, C., Wilderbuer, T.K., and Sample, T.M. (2002a). "Assessment of Greenland Turbot Stock in the Eastern Bering Sea and Aleutian Islands." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.255.
- Ianelli, J.N., Wilderbuer, T.K., and Sample, T.M. (1997). "Stock Assessment of Greenland Turbot." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, Anchorage, AK 99501. pp.188-218.
- Ianelli, J.N., Wilderbuer, T.K., and Sample, T.M. (2001a). "Assessment of Greenland turbot stock in the eastern Bering Sea and Aleutian Islands." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.4-1.
- Ianelli, J., Fritz, L., Honkalehto, T., Williamson, N., and Walters, G. (1999a). "Walleye pollock." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.88.
- Ianelli, J.M., Buckley, T., Honkalehto, T., Walters, G., and Williamson, N. (2001b). "Eastern Bering Sea Walleye Pollock Stock Assessment." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.1.1.
- ICES. (1988). "Report of the study group on the effects of bottom trawling." CM 1988/B, International Council for the Exploration of the Sea. pp.56.
- ICES. (1992). Report of the Study Group on Ecosystem Effects of Fishing Activities, International Council for the Exploration of the Sea. Working Group on Ecosystem Effects of Fishing Activities ICES CM 1993/G:4. 9 pp.
- ICES. (2000). "Effects of different types of fisheries on North Sea and Irish Sea benthic ecosystems: Review of the Impact II report." Report of the ICES Adv.Comm.on the Mar.Env.to the E.C. Dir.-Gen., Fisher., CM 1988/B, International Council for the Exploration of the Sea. pp.56.
- ICES.ICES-CM-1995/S:2, International Council for the Exploration of the Sea. pp.15.
- Impact Assessment, Inc.1994. Sector Description and Preliminary Social Impact.
- Impact Assessment, Inc.1998. Inshore/Offshore-3 Socioeconomic Description and Social Impact Assessment.Prepared for NPFMC.
- Ingraham Jr., W.J., and Miyahara, R.K. (1988). "Ocean surface current simulations in the North Pacific Ocean and Bering Sea (OSCURS - Numerical Model)." NOAA Technical Memorandum, NMFS F/NWC-130, U.S. DOC. pp.155.
- Ingraham Jr., W.J., and Miyahara, R.K. (1989). "Tuning of OSCURS numerical model to ocean surface current measurements in the Gulf of Alaska." NOAA Technical Memorandum, NMFS F/NWC-168, U.S. DOC. pp.67.
- Ingraham Jr., W.J., Ebbesmeyer, C.C., and Hinrichsen, R.A. (1998). "Imminent Climate and Circulation Shift in Northeast Pacific Ocean Could Have Major Impact on Marine Resources." EOS, Transactions, American Geophysical Union.

Chapter 3

- IPHC. (1948). "Report No.13 - Regulation and investigation of the Pacific halibut fishery in 1947 (Annual Report)." IFC.30 pp.(1948). Accessed in October 2002 from website: <http://www.iphc.washington.edu/halcom/pubs/annrep/annual.htm>
- IPHC. (1987). "The Pacific Halibut: Biology, Fishery, and Management." Technical Report, 22, International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145. pp.59.
- IPHC. (1988). "International Pacific Halibut Commission Annual Report, 1988." International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145.
- IPHC. (1998a). "Accounting for bycatch in management of the Pacific halibut fishery" International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145. Accessed on November 21, 2002 from website: http://www.iphc.washington.edu/halcom/research/bycatch/abst_byc.html
- IPHC. (2000) International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145 Internet: <http://www.iphc.washington.edu/halcom/commerc/catchbyreg.html>
- IPHC. (2001b). "Incidental Catch and Mortality of Pacific Halibut, 1962-2001." International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145. Accessed on October 2002 from website: http://www.iphc.washington.edu/halcom/research/bycatch/catmort62_01.pdf
- IPHC. (2001c). "Effects of Climate and Stock Size on Recruitment and Growth of Pacific Halibut." International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145. pp.59. Accessed in October 2001 from website: http://www.iphc.washington.edu/Staff/hare/html/paper/hist-hal/abst_najfm.html
- IPHC. (2002). "Incidental Catch and Mortality of Pacific Halibut, 1962-2001" International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145. pp.59. Accessed in October 2001 from website: <http://www.iphc.washington.edu/halcom/literatu.htm>
- Irons, D.B. (1998). "Foraging area fidelity of individual seabirds in relation to tidal cycles and flock feeding." *Ecology*, 79(2), pp.647-655.
- Irons, D.B., Anthony, R.G., and Estes, J.A. (1986). "Foraging strategies of glaucous-winged gulls in a rocky intertidal community." *Ecology*, 67, pp.1460-1474.
- Isleib, M.E., and Kessel B. (1973). *Birds of the North Gulf Coast - Prince William Sound Region, Alaska*. Biological Papers of the University of Alaska 14: 1-149.
- Ito, D.N., and Spencer, P.D. (1999). "Other rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands regions as projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.559-568.
- Ito, D.H., Spencer, P.D., and Ianelli. (1999). "Pacific ocean perch." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.519-558.
- IUCN. (2000). *International Union for Conservation of Nature and Natural Resources 2000 Red List of Threatened Species*. IUCN, Gland, Switzerland and Cambridge, UK. pp. xviii + 61pp.
- Iudicello, S., Weber, M. and Wieland, R. (1999). *Fish, Markets, and Fishermen: The Economics of Overfishing*. Island Press, Covelo, CA.
- IWC. (1997). "Chairman's report of the forty-eighth annual meeting." Report of the International Whaling Commission, 47(1), pp.17-55.
- IWC. (2003). *Report of the Scientific Committee. Journal of Cetacean Research and Management (Supplement) 5*: in press.

Chapter 3

- Jacobs, G.A., Hurlbert, H.E., Kindle, J.C., Metzger, E.J., Mitchell, J.L., Teague, W.J. and Wallcraft, A.J. (1994). A warm anomaly stemming from the 1982-3 El Niño spans the northern Pacific in 1993. *Science*.
- Jefferson, T.A., Stacey, P.J., and Baird, R.W. (1991). "A review of killer whale interactions with other marine mammals: predation to co-existence." *Mammal Review*, 21, pp.151-180.
- Jennings, S., and Kaiser, M.J. (1998). "The effects of fishing on marine ecosystems." *Advances in Marine Biology*, 34, pp.201-351.
- Jennings, S., and Reynolds, J.D. (2000). "Impacts of fishing on diversity: from pattern to process." *Effects of Fishing on Non-Target Species and Habitats*, M.J.Kaiser and S.J.de Groot, eds., Blackwell Science, Oxford, pp.235-250.
- Jensen, A.C. (1972). *The Cod*, Thomas Y.Crowell Company. 182 pp.
- Jentoft, S. (1989). "Fisheries co-management: delegating government responsibility to fishermen's organizations." *Marine Policy*, 13(2), pp.137-154.
- Jewett, S.C. (1978). "Summer food of the Pacific cod, *Gadus macrocephalus*, near Kodiak Island, Alaska." *Fishery Bulletin*, 76(3), pp.700-706.
- Jewett, S.C., and Feder, H.M. (1981). "Epifaunal Invertebrates of the Continental Shelf of the Eastern Bering and Chukchi Seas." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, WA. pp.1131-1154.
- Johnson, E.A. (1983). "Textural and compositional sedimentary characteristics of the Southeastern Bristol Bay continental shelf, Alaska." M.S., California State University, Northridge, CA.
- Johnson, J.H., and Wolman, A.A. (1984). "The humpback whale, *Megaptera novaeangliae*." *Marine Fisheries Review*, 46(4), pp.30-37.
- Johnson, M.L., Fiscus, C.H., Ostenson, B.T., and Barbour, M.L. (1966). "Marine Mammals." *Environment of the Cape Thomson Region, Alaska*, N.J.Wilimovsky and J.N.Wolfe, eds., U.S.Atomic Energy Commn., Oak Ridge, TN, pp.877-924.
- Johnson, O.W., Grant, W.S., Kope, R.G., Neely, K., Waknitz, F., and Waples, R.S. (1997). Status Review of Chum Salmon from Washington, Oregon, and California. NOAA Technical Memorandum NFMS-NWFSC-32.DOC, NOAA, NMFS, NWFSC, Conservation Biology Div., 2725 Montlake Blvd.E., Seattle, WA 98112-2097. Available on-line at <http://www.nwfsc.noaa.gov/publications/techmemos/tm32/>
- Johnson, S.R., and Herter, D.R. (1989). *The birds of the Beaufort Sea*, BP Exploration (Alaska) Inc., Anchorage, AK. 372 pp.
- Johnson, S.R., Herter, D.R., and Bradstreet, M.S.W. (1987). "Habitat use and reproductive success of Pacific Eiders *Somateria mollissima* v-nigra during a period of industrial activity." *Biological Conservation*, 41, pp.77-90.
- Johnson, S.W. (1989). "Deposition, fate, and characteristics of derelict trawl web on an Alaskan beach." *Marine Pollution Bulletin*, 20, pp.164-168.
- Johnson, S., Burns, J., Malme, C., and Davis, R. (1989). "Synthesis of information on the effects of noise and disturbance on major haulout concentrations of Bering Sea pinnipeds." OCS Study MMS 88-0092, NTIS PB89-191373, LGL Alaska Res.Assoc., Inc.for U.S.Minerals Management Service, Anchorage, AK. pp.267.
- Johnston, C.S. (1992). "The short- and long-term effects of oil spills on marine ecosystems." *Use and Misuse of the Seafloor*, K.J.Hsu and J.Theide, eds., John Wiley & Sons Ltd., pp.357-371.
- Jones Jr., R.D. (1965). "Returns from Steller's eiders banded in Izembek Bay, Alaska." *Wildfowl*, 16, pp.83-85.

Chapter 3

- Jones, J.B. (1992). "Environmental impact of trawling on the seabed: a review." *New Zealand Journal of Marine and Freshwater Research*, 26, pp.59-67.
- Jones, L.L., and DeGange, A.R. (1988). "Interactions between seabirds and fisheries in the North Pacific Ocean." *Seabirds and other marine vertebrates: competition, predation, and other interactions*, J.Burger, ed., Columbia University Press, New York, pp.269-291.
- Jones, R.D., and Byrd, G.V. (1979). "Interrelations between seabirds and introduced animals." *Wildlife Research Report*, 11, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.221-226.
- Jurado-Molina, J., and Livingston, P.A. (2000). "Multispecies perspectives on the Bering Sea groundfish fisheries management regime." Draft manuscript, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115. pp.25.
- Kaiser, M.J. (2000). The implication of the effects of fishing on non-target species and habitats. pp.383-392 In M.J.Kaiser and S.J.de Groot, eds., "The Effects of Fishing on Non-target Species and Habitats." Blackwell Science.
- Kaiser, M.J., and Spencer, B.E. (1994). "Fish scavenging behavior in recently trawled areas." *Marine Ecology Progress Series*, 112(41-49).
- Kaiser, M.J., and Spencer, B.E. (1996a). "Behavioural responses of scavengers to beam trawl disturbance." *Aquatic predators and their prey*, S.P.R.Greenstreet and M.L.Tasker, eds., Blackwell Scientific, Oxford, pp.117-123.
- Kaiser, M.J., and Spencer, B.E. (1996b). "The effects of beam-trawl disturbance on infaunal communities in different habitats." *Journal of Animal Ecology*, 65, pp.348-358.
- Kaiser, M.J., Edwards, D.B., Armstrong, P.J., Radford, K., Lough, N.E.I., Flatt, R.P., and Jones, H.D. (1998). Changes in megafaunal benthic communities in different habitats after trawling disturbance. *ICES Journal of Marine Science* 55:353-361.
- Kajimura, H. (1985). "Opportunistic feeding by the northern fur seal (*Callorhinus ursinus*)." *Marine Mammals and Fisheries*, J.R.Beddington, R.J.H.Beverton, and D.M.Lavigne, eds., George Allen and Unwin Ltd., London, pp.300-318.
- Kajimura, H., and Fowler, C.W. (1984). "Apex predators in the walleye pollock ecosystem in the eastern Bering Sea and Aleutian Islands regions." NOAA Technical Memorandum, NMFS F/NWC-62, U.S. DOC, NOAA. pp.193-234.
- Kajimura, H., and Loughlin, T.R. (1988). "Marine mammals in the oceanic food web of the eastern subarctic Pacific." *Bulletin of the Ocean Research Institute, University of Tokyo*, 26 (part II), pp.187-223.
- Kang, Sukyung, S.Kim and Sang-Won Bae. (2000). Changes in ecosystem components induced by climate variability off the eastern coast of the Korean Peninsula during 1960–1999. *Progress in Oceanography* 47: 205-222
- Kasahara, H. (1973). "Management of Fisheries in the North Pacific." *Journal of the Fisheries Research Board of Canada*, 30(12), pp.2355.
- Kasamatsu, F., and Hata, T. (1985). "Notes on minke whales in the Okhotsk Sea - West Pacific area." *Report of the International Whaling Commission*, 35, pp.299-304.
- Kastelein, R.A., Ford, J., Berghout, E., Wiepkema, P.R., and van Boxsel, M. (1994). "Food consumption, growth and reproduction of belugas (*Delphinapterus leucas*) in human care." *Aquatic Mammals*, 20(2), pp.81-97.
- Kastelein, R.A., Hardeman, J., and Boer, H. (1997). "Food consumption and body weight of harbour porpoises (*Phocoena phocoena*)." *The biology of the harbour porpoise*, A.J.Read, P.R.Wiepkema, and P.E.Nachtigall, eds., De Spil Publishers, Woerden, The Netherlands, pp.217-233.

Chapter 3

- Kastelle, C.R., Kimura, D.K., and Jay, S.R. (2000). "Using $^{210}\text{Pb}/^{226}\text{Ra}$ disequilibrium to validate conventional ages in Scorpaenids (genera *Sebastes* and *Sebastolobus*)." *Fisheries Research* 46: 299-312.
- Kasuya, T. (1977). "Age determination and growth of the Baird's beaked whale with a comment on the fetal growth rate." *Scientific Report of the Whales Research Institute Tokyo*, 29, pp.1-20.
- Kasuya, T. (1986). "Distribution and behavior of Baird's beaked whales off the Pacific coast of Japan." *Scientific Report of the Whales Research Institute Tokyo*, 37, pp.61-83.
- Kasuya, T., Brownell Jr. R.L., and Balcomb, K.C. (1997). "Life history of Baird's beaked whales off the Pacific coast of Japan." *Report of the International Whaling Commission*, 47, pp.969-979.
- Kasuya, T., and Ogi, H. (1987). "Distribution of mother-calf Dall's porpoise pairs as an indication of calving grounds and stock identity." *Scientific Report of the Whales Research Institute Tokyo*, 38, pp.125-140.
- Kasuya, T., and Ohsumi, S. (1984). "Further analysis of the Baird's beaked whale stock in the western North Pacific.", *Report of the International Whaling Commission*. pp.587-595.
- Kawakami, T. (1980) "A review of sperm whale food." *Scientific Report of the Whales Research Institute Tokyo*, 32, pp.199-218.
- Kawamura, A. (1973). "Food and feeding of sei whales caught in the waters south of 40 degrees North in the North Pacific." *Scientific Report of the Whales Research Institute Tokyo*, 25, pp.219-236.
- Kawamura, A. (1980). "A review of food of balaenopterid whales." *Scientific Report of the Whales Research Institute Tokyo*, 32, pp.155-197.
- Kawasaki, T. (1991). "Long-term variability in the pelagic fish populations." Long-term variability of pelagic fish populations and their environment, T.Kawasaki, S.Tanaka, Y.Toba, and A.Taniguchi, eds., Pergamon Press, New York, pp.47-60.
- Kellert, S. (1986). Social and perceptual factors in the preservation of animal species. In B.Norton (ed.), *The preservation of Species*. Princeton University Press, Princeton, New Jersey.
- Kelly, B.P. (1988). "Ringed seal, *Phoca hispida*." *Selected marine mammals of Alaska species accounts with research and management recommendations*, J.W.Lentfer, ed., Marine Mammal Commission, Washington, DC, pp.57-75.
- Kelly, B.P., Fay, F.H., Rugh, D.J., and Nelson, R.R. (In prep.). Seasonal distribution of the ribbon seal [*Phoca (Histiotophoca) fasciata* Zimmerman 1783], University of Alaska Southeast, 11120 Glacier Highway, Juneau, AK 99801.
- Kendall Jr., A.W., Clarke, M.E., Yoklavich, M.M., and Boehlert, G.W. (1987). "Distribution, feeding and growth of larval walleye Pollock (*Theragra chalcogramma*) from Shelikof Strait, Gulf of Alaska." *Fishery Bulletin*, 85(3), pp.499-521.
- Kendall, A.W., and Lenarz, W.H. (1986). "Status of early life history studies of northeast Pacific rockfishes." *Proceedings of the International Rockfish Symposium*, Anchorage, AK. pp.99-117.
- Kendall, A.W., Schumacher, J.D., and Kim, S. (1996). "Walleye pollock recruitment in Shelikof Strait: Applied fisheries oceanography." *Fisheries Oceanography*, 5(Supplement 1), pp.4-18.
- Kendall, S.J., and Agler, B.A. (1998). "Distribution and abundance of Kittlitz's murrelets in southcentral and southeast Alaska." *Colonial Waterbirds*, 21(1), pp.53-60.
- Kenyon, K.W. (1956). "Food of fur seals taken on St.Paul Island, Alaska, 1954." *Journal of Wildlife Management*, 20(2), pp.214-215.
- Kenyon, K.W. (1962). "Notes on phocid seals at Little Diomed Island, Alaska." *Journal of Wildlife Management*, 26, pp.380-387.
- Kenyon, K.W. (1969). "The sea otter in the eastern Pacific Ocean." *North American Fauna*, 68, pp.352.

Chapter 3

- Kenyon, K.W. (1981). "Sea otter, *Enhydra lutris* (Linnaeus, 1758)." Handbook of marine mammals, S.H.Ridgway and R.J.Harrison, eds., Academic Press, London, pp.209-223.
- Kenyon, K.W., and Rice, D.W. (1961). "Abundance and distribution of the Steller sea lion." Journal of Mammalogy, 42, pp.223-234.
- Kertell, K. (1991). "Disappearance of the Steller's eider from the Yukon-Kuskokwim Delta, Alaska." Arctic, 44, pp.177-187.
- Kessel, B. (1989). "Birds of the Seward Peninsula, Alaska." University of Alaska Press, Fairbanks, AK.
- Ketchen, K.S. (1964). "Preliminary results of studies on a growth and mortality of Pacific cod (*Gadus macrocephalus*) in Hecate Strait, British Columbia." Journal of the Fisheries Research Board of Canada, 21, pp.1051-1067.
- Khen, G.V. (1989). "Oceanological conditions of the Bering Sea biological productivity, In Proceeding of the International Scientific Symposium on Bering Sea Fisheries." NOAA Technical Memorandum, NMFS F/NWC-163, National Technical Information Service, U.S. DOC, NOAA, Springfield, VA 22161, pp.404-414.
- Kibal'chich, A.A., Dzhamanov, G.A., and Ivashin, M.V. (1986). "Records of bowhead and gray whales in the early winter in the Bering Sea." Report of the International Whaling Commission, 36, pp.291-292.
- Kimura, D.K., and Ronholt, L.L. (1988). "Atka mackerel." NOAA Technical Memorandum, NMFS F/NWC-139, U.S. DOC, NOAA, pp.143-171.
- Kimura, D.K., Shimada, A.M., and Shaw, F.R. (1998). "Stock structure and movement of tagged sablefish (*Anoplopoma fimbria*) in offshore northeast Pacific waters and the effects of El Niño-Southern Oscillation on migration and growth." Fisheries Bulletin, 96, pp.462-481.
- Kinder, T.H., and Coachman, L.K. (1977). Observation of a bathymetrically-trapped current ring. J.Phys.Oceano.7:946-952.
- Kinder, T.H., and Coachman, L.K. (1978). The front overlaying the continental slope in the eastern Bering Sea. Journal of Geophysical Research. 83:4551-4559.
- Kinder, T.H., and Schumacher, J.D. (1981). Hydrographic Structure Over the Continental Shelf of the Southeastern Bering Sea. The Eastern Bering Sea Shelf: Oceanography and Resources, D.W.Hood and J.A.Calder, eds. University of Washington Press, Seattle, WA pp.31-52.
- Kinder, T.H., Chapman, D.C., and Whitehaed, Jr., J.A. (1986). Westward intensification of the mean circulation on the Bering Sea shelf. Journal of Physical Oceanography, 16:1217-1229.
- Kinder, T.H., Coachman, L.K., and Galt, J.A. (1975). The Bering Slope Current System. Journal of Physical Oceanography 5:231-244.
- Kinder, T.H., Hunt Jr., G.L., Schneider, D.C., and Schumacher, J.D. (1983). "Correlations between seabirds and oceanic fronts around the Pribilof Islands, Alaska." Estuarine Coast and Shelf Science, 16, pp.309-316.
- King, C.W. (1964). Social Movements in the United States, Random House, New York.39-57 pp.
- King, G. (2001). "Addressing Environmental Justice In California." The Environmental Monitor, Summer 2001, pp
- King, J.E. (1983). Seals of the world, British Museum of Natural History, London.240 pp.
- King, J.G., and Lensink, C.J. (1971). "An evaluation of Alaska habitat for migratory birds." Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, Washington, DC.
- King, J.G., and Sanger, G.A. (1979). "Oil vulnerability index for marine oriented birds." Wildlife Research Report, 11, U.S.Department of the Interior, U.S.Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503, pp.227-239.

Chapter 3

- King, J., and Dau, C.P. (1981). "Waterfowl and their habitats in the eastern Bering Sea." *The eastern Bering Shelf: oceanography and resources*, D.W.Hood and J.A.Calder, eds., NOAA, Office of Marine Pollution Assessment.University of Washington Press, Seattle, WA, pp.739-428.
- King, R.J., and Brackney, A.W. (1997). "Aerial breeding pair surveys of the arctic coastal plain of Alaska - 1996." Unpublished report,, U.S.Department of the Interior, Fish and Wildlife Service, Fairbanks, AK. pp.12.
- King, R.J., and Dau, C.P. (1997). "Expanded aerial searches for Steller's eiders on the Arctic Coastal Plain of Alaska, 1997." Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, Fairbanks, AK.
- Kingsley, M.C.S., Stirling, I., and Calvert, W. (1985). "The distribution and abundance of seals in the Canadian High Arctic, 1980-82." *Canadian Journal of Fisheries and Aquatic Science*, 42, pp.1189-1210.
- Kinoshita, R.K., Greig, A., Queirolo, L.and Terry, J.M. (1993). *Economic Status of the Groundfish Fisheries off Alaska, 1991*.NOAA Technical Memorandum NMFS-AFSC-15, Seattle, WA.
- Kinoshita, R.K., Greig, A., and Terry, J.M. (1995). *Economic status of the groundfish fisheries of Alaska, 1993*.U.S.DOC, NOAA Tech.Memo.NMFS-AFSC-54, 108 pp.
- Kirkley, J., and Squires, D. (1999).Capacity and capacity utilization in fishing industries.U.C. San Diego Discussion Paper 99-16.
- Kirkley, J.,C.Morrison, Paul, and Squires, D. (2002).Capacity and capacity utilization in fishing industries: Definition, measurement, and a comparison of approaches.Environmental and Resource Economics, forthcoming.
- Kistchinski, A.A. (1973). "Waterfowl in northeast Asia." *Wildfowl*, 24, pp.88-102.
- Kistchinski, A.A., and Flint, V.E. 974. On the biology of the spectacled eider.*Waterfowl* 25:5-15.
- Kistchinski, A.A.A. (1988). *Ornitofauna severo-vostoka Azii (The avifauna of northeast Asia)*, Nauka, Moscow, Russia.288 pp.
- Kitaysky, A.S. (1999). "Metabolic and developmental responses of alcid chicks to experimental variation in food intake." *Physiological and Biochemical Zoology*, 72(4), pp.462-473.
- Kitaysky, A.S., Wingfield, J.C., and Piatt, J.F. (1999). "Dynamics of food availability, body condition and physiological stress response in breeding Black-legged Kittiwakes." *Functional Ecology*, 13, pp.577-584.
- Kline, D.E. (1996). "Radiochemical age verification for two deep-sea rockfishes *Sebastes altivelis* and *S.alascanus*." M.S.Thesis, San Jose State University, San Jose, CA.124 pp.
- Klosiewski, S.P., and Laing, K.K. (1994). "Marine bird populations of Prince William Sound, Alaska, before and after the Exxon Valdez oil spill.Final Report." *Natural Resources Damage Assessment Bird Study*, 2, U.S.Department of the Interior, Fish and Wildlife Service, Migratory Bird Management, 1011 E.Tudor Road, Anchorage, AK 99503.
- Klumov, S.K. (1962). "The northern right whales in the Pacific Ocean." *Trudy Instituta Okeanologii (Akademii Nauk SSSR)*, 58, pp.202-297.
- Klyashtorin, L.B. (1998). "Long-term climate change and main commercial fish production in the Atlantic and Pacific." *Fisheries Research*, 37, pp.115-125.
- Knapp, G. (1997a). "Thalassorama: Initial Effects of the Alaska Halibut IFQ Program: Survey Comments of Alaska Fishermen." *Marine Resource Economics*, 12(3), pp.239-248.
- Knapp, G. (1997b). "Modeling Community Economic Impacts of the Alaska Halibut IFQ Program." Institute of Social and Economic Research, University of Alaska, Anchorage.

Chapter 3

- Knapp, G. (1997c). "Alaska Halibut Markets and the Alaska Halibut IFQ Program." Institute of Social and Economic Research, University of Alaska, Anchorage.
- Knapp, G. (1999). "Effects of IFQ Management on Fishing Safety, Resource Conservation, Unreported Discards: Survey Responses of Alaska Halibut Fishermen." Institute of Social and Economic Research, University of Alaska, Anchorage.
- Knapp, G., and Hull, D. (1996). The first year of the Alaska IFQ program: A survey of sablefish quota share holders. University of Alaska Anchorage, Institute for Social and Economic Research, Anchorage.
- Knechtel, C.D., and Bledsoe, L.J. (1981). "A numerical simulation model of the population dynamics of walleye Pollock (*Theragra chalcogramma*) (Pallas 1811), in a simplified ecosystem. Part I, Model Description." NOAA Technical Memorandum, NMFS F/NWC-19, U.S. DOC, NOAA. pp.212.
- Knechtel, C.D., and Bledsoe, L.J. (1983). "A numerical simulation model of the population dynamics of walleye pollock, *Theragra chalcogramma* (Pallas 1811), in a simplified ecosystem: Part II, Model calibration, validation, and exercise." NOAA Technical Memorandum, NMFS F/NWC-50, U.S. DOC, NOAA. pp.264.
- Koers, A.W. (1973). International Regulation of Marine Fisheries, A Study of Regional Fisheries Organizations, Fishing News (Books) Ltd., London. 368 pp.
- Kooyman, G. (1981). Weddell Seal: Consummate Diver. Cambridge University Press, New York.
- Kornev, S.I. (1994). "A note on the death of a right whale (*Eubalaena glacialis*) off Cape Lopakta (Kamchatka)." Special Issue 15, Report of the International Whaling Commission. pp.443-444.
- Kosygin, G.M. (1966). "Some data on the feeding of the bearded seal in the Bering Sea during the spring-summer period." Soviet research on marine mammals of the Far East, K.I. Panin, ed., U.S. Department of the Interior, Bureau of Commercial Fisheries, Seattle, Washington, pp.78-82.
- Kosygin, G.M. (1971). Feeding of the bearded seal, *Erignathus barbatus nauticus* (Pallas), in the Bering Sea during the spring-summer period, Translated from Russian by Can. Fish. Mar. Serv., Transl. Ser. 3747, 16 pp., translator. 144-151 pp.
- Kramer, D.E., and O'Connell, V.M. (1988). "Guide to Northeast Pacific Rockfishes: Genera *Sebastes* and *Sebastobus*." Alaska Sea Grant Advisory Bulletin, 25.
- Krasnov, Y.V., Matishov, G.G., Galaktionov, K.V., and Savinova, T.N. (1995). Murman's colonial seabirds, Nauka Publishers, St. Petersburg, Russia (in Russian).
- Kravanja, M.A. (1976). "The Soviet fishing industry: A Review." Soviet Oceans Development, Committee Print prepared for Committee on Commerce and the National Ocean Policy Study, U.S. Government Printing Office, Washington, DC, pp.377-463.
- Kreiger, K.J., and Ito, D.H. (1999). "Distribution and abundance of shortraker rockfish, *Sebastes borealis*, and rougheye rockfish, *S. aleutianus*, determined from a manned submersible." Fishery Bulletin, 97, pp.264-272.
- Kreiger, K.J. (1985). "Food habits and distribution of first-year walleye pollock, *Theragra chalcogramma* (Pallas), in Auke Bay, Southeastern Alaska," Masters Thesis, University of Alaska Southeast, 11120 Glacier Highway, Juneau, AK 99801.
- Kreiger, K.J. (1993). "Distribution and abundance of rockfish determined from a submersible and by bottom trawling." Fishery Bulletin, 91(1), pp.87-96.
- Kreiger, K.J. (1997). "Sablefish (*Anoplopoma fimbria*) observed from a manned submersible." NOAA Technical Report, NMFS 130, U.S. DOC, NOAA, Seattle, WA.
- Kreiger, K.J., and Wing, B.L. (2000). "Megafauna associations with gorgonian coral (*Primnoa* spp.) in the Gulf of Alaska.", NMFS, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, AK 99801.

Chapter 3

- Krieger, K.J., and Wing, B.L. (2002). Megafauna associations with deepwater corals (*Primnoa* spp) in the Gulf of Alaska. *Hydrobiologia* 471:83-90.
- Krost, P. (1993). "The consequences of bottom trawl fisheries for the sediment and its exchange processes as well as for the benthic communities of Kiel Bight." *Arbeiten Des Deutschen Fischerei-Verbandes*, 57, pp.43-60.
- Krost, P., Bernhard, M., Werner, F., and Hukriede, W. (1990). "Otter trawl tracks in Kiel Bay (Western Baltic) mapped by side-scan sonar." *Meereforshung*, 32, pp.344-353.
- Kruse, J.A. (1982). Subsistence and the North Slope Inupiat: The Effects of Energy Development. Man in the Arctic Program Monograph No.4, Institute of Social and Economic Research. University of Alaska: Anchorage.
- Kruse, J., Kleinfeld, J., and Travis, R. (1981). Energy Development and the North Slope Inupiat: Quantitative Analysis of Social and Economic Change. Man in the Arctic Program Monograph No.1, Institute of Social and Economic Research. University of Alaska: Anchorage.
- Kubodera, T., Percy, W.G., Murakami, K., Kobayashi, T., Nakata, J., and Mishima, S. (1983). "Distribution and abundance of squids caught in surface gillnets in the subarctic Pacific, 1977-1981." *Memoirs of the Faculty of Fisheries of Hokkaido University*, 30, pp.1-49.
- Kuletz, K.J. (1983). "Mechanisms and consequences of foraging behavior in a population of breeding pigeon guillemots," Masters Thesis, University of California, Irvine, CA.
- Kuletz, K.J. (1996). "Marbled murrelet abundance and breeding activity at Naked Island, Prince William Sound, and Kachemak Bay, Alaska, before and after the Exxon Valdez oil spill." *American Fisheries Society*. pp.770-784.
- Kuletz, K.J. (1999). "Marbled murrelet productivity relative to forage fish abundance and chick diet." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 98163r, U.S. Department of the Interior, Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503.
- Kuletz, K.J., Irons, D.B., Agler, B.A., Piatt, J.F., and Duffy, D.C. (1997). "Long-term changes in diets and populations of piscivorous birds and mammals in Prince William Sound, Alaska." Alaska Sea Grant Report, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.703-706.
- Kuletz, K.J., Marks, D.K., Naslund, N.L., Goodson, N.J., and Cody, M.B. (1995). "Inland habitat suitability for marbled murrelets in southcentral Alaska." USDA For. Serv. Gen. Tech. Rep., PSW-GTR-152, U.S. Department of Agriculture. pp.141-150.
- Kuris, A.M., Blau, S.F., Paul, A.J., Shields, J.D., and Wickham, D.E (1991). Infestation by brood symbionts and their impact on egg mortality in the red king crab (*Paralithodes camtschatica*) in Alaska: Geographic and temporal variation. *Canadian Journal of Fisheries and Aquatic Sciences* 48: 559-568.
- Laevastu, T., and Favorite, F. (1988). Fishing and stock fluctuations, Fishing News Books Ltd, Farnham, Surrey, England. 239 pp.
- Laevastu, T., and Larkins, H.A. (1981). Marine fisheries ecosystem, its quantitative evaluation and management, Fishing News Books Ltd., Farnham, Surrey, England. 159 pp.
- Laidig, T.E., Adams, P.B., and Samiere, W.M. (1997). "Feeding habits of sablefish (*Anoplopoma fimbria*) off the coast of Oregon and California." NOAA Technical Report, NMFS 130, U.S. DOC, NOAA, Seattle, WA.
- Laing, K., and Platte, R. (1994). "Ledyard and Peard bays Spectacled eider surveys." Trip report, U.S. Department of the Interior, Migratory Bird Management, Anchorage, Alaska. pp.11.

Chapter 3

- Laist, D. (1987). "Overview of the biological effects of lost and discarded plastic debris in the marine environment." *Marine Pollution Bulletin*, 18(6B), pp.319-326.
- Laist, D. (1997). "Impacts of marine debris: entanglement of marine life in marine debris including a comprehensive list of species with entanglement and ingestion records." *Marine debris, sources, impacts and solutions*, J.Coe and D.B.Rogers, eds., Springer-Verlag New York Inc., New York, pp.99-140.
- Lamb, A.and Edgell, P. (1986). "Coastal fishes of the Pacific northwest." Harbour Publishing Co.Ltd., B.C., Canada. 224 pp.
- Lance, B., Irons, D.B., Kendall, S.J., and McDonald, L.L. (1999) "Marine bird and sea otter population abundance of Prince William Sound, Alaska: Trends following the T/V Exxon Valdez Oil Spill, 1989-98."
- Lang, G.M., and Livingston, P.A. (1996). "Food habits of key groundfish species in the eastern Bering Sea slope region." NOAA Technical Memorandum, NMFS-AFSC-297, U.S. DOC, NOAA. pp.110.
- Lang, G.M., Livingston, P.A., and Miller, B.S. (1995). "Food habits of three congeneric flatfish: yellowfin sole (*Pleuronectes asper*), rock sole (*P.bilineatus*), and Alaska plaice (*P.quadrituberculatus*) in the eastern Bering Sea." University of Alaska Sea Grant, 95-04, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.pp.225-247.
- Larned, W.W. (1998). "Steller's eider spring migration surveys southwest Alaska." Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.11.
- Larned, W.W., and Balogh, G.R. (1997). "Eider breeding population survey Arctic Coastal Plain, Alaska 1992-96." Unpublished report,, U.S.Department of the Interior, Migratory Bird Management, Anchorage, AK. pp.11.
- Larned, W.W., Balogh, G.R., Stehn, R.A., and Butler Jr., W.I. (1992). "The status of eider breeding populations in Alaska, 1992." Unpublished report. U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. 55 pp.
- Larned, W.W., Stehn, R.A., and Platte, R.M . (2001). Eider breeding population survey, arctic coastal plain, Alaska, 1999-2000.Unpublished report. U.S.Fish and Wildlife Service, Migratory Bird Management, Anchorage, AK 60 pp.
- Larned, W.W., and Tiplady, T.J. (1999). "Late winter population and distribution of spectacled eiders (*Somateria fischeri*) in the Bering Sea 1998." Unpublished report. U.S.Department of the Interior, Migratory Bird Management, Anchorage, AK. pp.9.
- Larned, W.W., Tiplady, T.J., Platte, R., and Stehn, R.A. (1999). "Eider breeding population survey Arctic Coastal Plain, Alaska 1997-98." Unpublished report. U.S.Department of the Interior, Migratory Bird Management, Anchorage, AK.pp.22.
- Larned, W.W., and Zwiefelhofer, D. (1995). "Distribution of steller's eiders (*Polysticta stelleri*) in the Kodiak Archipelago, AK." Field Report, 15, U.S.Department of the Interior, Fish and Wildlife Service, Migratory Bird Management, 1011 E.Tudor Road, Anchorage, AK 99503. pp.12.
- Lauck, T., Clark, C.W., Mangel, M., and Munro, G.R. (1998). "Implementing the precautionary principle in fisheries management through marine reserves." *Ecological Applications*, 8(1), pp.S72-S78.
- Law Enforcement Division. (1965, 1967-1970).Foreign fishing activities Bering Sea and Gulf of Alaska, 1964-1969. U.S.DOC, NOAA, NMFS, Juneau, AK. Unpubl.manuscrs.

Chapter 3

- Law Enforcement Division. (1971, 1973, 1974, 1975, and 1977). Foreign fishery activities Bering Sea and Gulf of Alaska, 1972-1974. U.S.DOC, NOAA, NMFS, Juneau, AK. Unpubl.manuscr.
- Law, R., and Rowell, C.A. (1993). "Cohort structured populations, selection responses, and exploitation of the North Sea cod." *The Exploitation of Evolving Resources*, T.K.Stokes, J.M.McGlade, and R.Law, eds., Springer-Verlag, Berlin, pp.155-173.
- Leaman, B.M., and Kabata, Z. (1987). "Neobrachiella robusta (Wilson, 1912) (Copepoda: Lernaepodidae) as a tag for identification of stocks of its host, *Sebastes alutus* (Gilbert, 1890) (Pisces: Teleostei)." *Can.J.Zool.*65:2579-2582.
- Leatherwood, S., Reeves, R.R., Perrin, W.F., and Evans, W.E. (1982). "Whales, dolphins, and porpoises of the eastern North Pacific and adjacent Arctic waters: A guide to their identification." NOAA Technical Report, NMFS Circular 444, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115. pp.245.
- Lee, J.U. (1985). Studies on the fishery biology of the Atka mackerel *Pleurogrammus monopterygius* (Pallas) in the north Pacific Ocean. *Bull.Fish.Res.Dev.Agency*, 34, pp.65-125.
- Lee, S.H., and Schell, D.M. (1999). "Climate change effects on bowhead whale feeding: stable isotope evidence." Abstracts of the 13th biennial conference on the biology of marine mammals, Nov.28-Dec.3, Society of Marine Mammalogy. pp.106.
- Lensink, C.J. (1962). "The history and status of sea otters in Alaska." Ph.D.Thesis, Purdue University, Lafayette, Indiana.
- Lentfer, J.W. (1988). Selected Marine Mammals off Alaska, Marine Mammal Commission, 1625 I Street NW, Washington, DC 20006, 275 pp.
- Leonov, A.G. (1960). Regional oceanography, Part 1 (in Russian). *Gidrometeoizdat*, Leningrad. (Translation available NTIS, AD 627508, AD 689680) Springfield, VA.
- Lestenkof, A.D., and Zavadil, P.A. (2001). 1999-2000 Steller Sea Lion Subsistence Report. Aleut Community of St. Paul Island, Tribal Government, Ecosystem Conservation Office: St. Paul.
- Levada, T.P. (1979). Comparative morphological study of Atka mackerel. *Pac.Sci.Res.Inst.Fish.Oceanogr.*5(TINRO), Vladivostok, U.S.S.R., Unpublished manuscript.
- Levin, L.A. (1984). Life history and dispersal patterns in a dense infaunal polychaete assemblage: community structure and response to disturbance. *Ecology* 65(4):1185-1200.
- Levings, C.S.M. (1968). "Fertilized eggs of the butter sole (*Isopsetta isolepis*) in Skidegate Inlet, British Columbia." *Journal of the Fisheries Research Board of Canada*, 25(8), pp.1743-1744.
- Lid, G. (1981). "Reproduction of the Puffin in Rost in the Lofoten Islands in 1964-1980." *Fauna norvegica*, Series C, Cinclus, 4, pp.30-39.
- Lincoln, J., Husberg, B., and Conway, G. (2002). Improving safety in the Alaskan commercial fishing industry. In J.Lincoln, D.Hudson, G.Conway, and R.Pescatore (eds.), *Proceedings of the International Fishing Industry Safety and Health Conference*, DHHS (NIOSH) Publication No.2003-102, National Institute for Occupational Safety and Health, Cincinnati.
- Lindebloom, H.J., and de Groot, S.J. (1998). Impact II. The effects of different types of fisheries on the North Sea and Irish Sea benthic ecosystems. *NIOZ Rapport* 1998-1. 404 pp.
- Lipinski, M.R. (1998). "Cephalopod life cycles: patterns and exceptions." *Cephalopod biodiversity, ecology, and evolution*, A.I.L.Payne, M.R.Lipinski, M.R.Clark, and M.A.C.Roeleveld, eds., *S.Afr.J.Mar.Sci.*, pp.439-447.
- Lisitsyn, A.P. (1960). Recent sedimentation in the Bering Sea. IPST Press, Jerusalem.

Chapter 3

- Livingston, P. (1999). "Ecosystems Considerations for 2000." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions (2000 SAFE), Plan Team for the Groundfish Fisheries, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Livingston, P. (2002). "Ecosystems Considerations for 2003." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions (2003 SAFE), Plan Team for the Groundfish Fisheries, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Livingston, P.A. (1985). "Summer food habits of young-of-the-year walleye pollock, *Theragra chalcogramma*, in the Kodiak area of the Gulf of Alaska during 1985." Unpublished manuscript, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.
- Livingston, P.A. (1989a). "Key fish species, northern fur seals (*Callorhinus ursinus*), and fisheries interactions involving walleye pollock (*Theragra chalcogramma*), in the eastern Bering Sea." *Journal of Fisheries Biology*, 35, pp.179-186.
- Livingston, P.A. (1989b). "Interannual trends in walleye Pollock (*Theragra chalcogramma*) cannibalism in the eastern Bering Sea." *Proceedings of the International Symposium Biol.Management Walleye Pollock*, November 1988, pp.275-296.
- Livingston, P.A. (1991a). "Total groundfish consumption of commercially important prey." NOAA Technical Memorandum, NMFS F/NWC-207, U.S. DOC, NOAA. pp.240.
- Livingston, P.A. (1991b). "Groundfish food habits and predation on commercially important prey species in the Eastern Bering Sea from 1984-1986." NOAA Technical Memorandum, NMFS F/NWC-207, U.S. DOC, NOAA. pp.240.
- Livingston, P.A. (1993). "Importance of predation by groundfish, marine mammals and birds on walleye pollock and Pacific herring in the eastern Bering Sea." *Marine Ecology Progress Series*, 102, pp.205-215.
- Livingston, P.A. (1994a). "Overview of multispecies interactions involving walleye pollock in the eastern Bering Sea and Gulf of Alaska." Draft manuscript, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.
- Livingston, P.A. (1994b). "Groundfish utilization of walleye pollock (*Theragra chalcogramma*), Pacific herring (*Clupea pallasii*), and capelin (*Mallotus villosus*) resources in the Gulf of Alaska."
- Livingston, P.A. (1997). "A review of models for predicting the effects of climate change on upper trophic level species." *PICES Scientific Report*, 7, PICES. pp.9-17.
- Livingston, P.A., and DeReynier, Y. (1996). "Groundfish food habits and predation on commercially important prey species in the eastern Bering Sea from 1990 to 1992." AFSC Processed Report, 96-04, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115. pp.214.
- Livingston, P.A., Dwyer, D.A., Wencker, D.L., Yang, M.S., and Lang, G.M. (1989). "Trophic interactions of key fish species in the eastern Bering Sea." *Symposium on biological interactions in the North Pacific region and on factors affecting recruitment, distribution, and abundance of non-anadromous species*, pp.49-65.
- Livingston, P.A., and Goiney, B.J. (1983). "Food habits literature of North Pacific marine fishes: A review and selected bibliography." NOAA Technical Memorandum, NMFS F/NWC-54, U.S. DOC, NOAA. pp.81.
- Livingston, P.A., and Jurado-Molina, J. (1999). "A multispecies virtual population analysis of the eastern Bering Sea." *ICES Journal of Marine Science*, 56, pp. In press.

Chapter 3

- Livingston, P.A., and Lang, G.M. (1997). "Interdecadal comparisons of walleye pollock cannibalism in the eastern Bering Sea." *Ecology of Juvenile Walleye Pollock*, R.D. Brodeur, P.A. Livingston, A. Hallowed, and T. Loughlin, eds., U.S. DOC, NOAA, pp.115-124.
- Livingston, P.A., Low, L.L., and Marasco, R.J. (1999). "Eastern Bering Sea Ecosystem Trends." *Large Marine Ecosystems of the Pacific Rim: Assessment, Sustainability, and Management*, K. Sherman and Q. Tang, eds., Blackwell Science, Inc., Malden, MA, pp.140-162.
- Livingston, P.A., and Methot, R.D. (1998). "Incorporation of predation into a population assessment model of eastern Bering Sea walleye pollock." In *Fishery Stock Assessment Models*. NOAA Technical Report 126, NMFS F/NWC-54, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.663-678.
- Livingston, P.A., and Tjelmeland, S. (2000). "Fisheries in boreal ecosystems." *ICES Journal of Marine Science*, 57, pp. In press.
- Livingston, P.A., Ward, A., Lang, G.M., and Yang, M.S. (1993). "Groundfish food habits and predation on commercially important prey species in the eastern Bering Sea from 1987 to 1989." NOAA Technical Memorandum, NMFS-AFSC-11, U.S. DOC, NOAA. pp.192.
- Livingston, P.A., and de Reynier Y. (1996). Groundfish food habits and predation on commercially important prey species in the eastern Bering Sea from 1990 to 1992. AFSC Processed Report 96-04. 214 pp.
- Lloyd, D.S., McRoy, C.P., and Day, R.H. (1981). "Discovery of northern fur seals (*Callorhinus ursinus*) breeding on Bogoslof Island, southeastern Bering Sea." *Arctic*, 34, pp.318-320.
- Lockyer, C. (1974). "Investigation of the ear plug of the southern sei whale (*Balaenoptera borealis*) as a valid means of determining age." *Journal du conseil/ Conseil international pour l'exploration de la mer*, 36(1), pp.71-81.
- Lockyer, C., and Martin, A.R. (1983). "The sei whale off western Iceland: II Age, growth, and reproduction." *Report of the International Whaling Commission*, 33, pp.465-476.
- Logerwell, E.A., and Hargreaves, N.B. (1997). "Seabird impacts on forage fish: population and behavioral interactions." *Forage Fishes in Marine Ecosystems: proceedings of a conference*, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775, pp.191-195.
- Loomis, J., and White, D. (1996). Economic benefits of rare and endangered species: summary and meta-analysis. *Ecological Economics* 18:197-206.
- Loughlin, T.R. (1997). "Using the phylogeographic method to identify Steller sea lion stocks." *Molecular genetics of marine mammals.*, A. Dizon, S.J. Chivers, and W.F. Perrin, eds., Special Publication #3 of the Society for Marine Mammalogy, pp.159-171.
- Loughlin, T.R., and Merrick, R.L. (1989). "Comparison of commercial harvest of walleye pollock and northern sea lion abundance in the Bering Sea and Gulf of Alaska." *Alaska Sea Grant Report*, 89-01, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.679-700.
- Loughlin, T.R., and Nelson Jr., R. (1986). "Incidental mortality of northern sea lions in Shelikof Strait, Alaska." *Marine Mammal Science*, 2, pp.14-33.
- Loughlin, T.R., and Perez, M.A. (1985). "*Mesoplodon stejnegeri*." *Mammalian Species*, 250.
- Loughlin, T.R., Perlov, A.S., and Vladimirov, V.A. (1990). "Survey of northern sea lions (*Eumetopias jubatus*) in the Gulf of Alaska and Aleutian Islands during June 1989." NOAA Technical Memorandum, NMFS F/NWC-176, U.S. DOC, NOAA. pp.26.
- Loughlin, T.R., Perlov, A.S., and Vladimirov, V.V. (1992). "Range-wide survey and estimation of total number of Steller sea lions in 1989." *Marine Mammal Science*, 8, pp.220-239.

Chapter 3

- Loughlin, T.R., Rugh, D.J., and Fiscus, C.H. (1984). "Northern sea lion distribution and abundance: 1956 - 80." *Journal of Wildlife Management*, 48(3), pp.729-740.
- Loughlin, T.R., Sterling, J.T., Merrick, R.L., and Sease, J.L. (In press). "Immature Steller sea lion foraging behavior." *National Marine Mammal Laboratory*, 7600 Sand Point Way NE, Seattle, WA 98115. *Fisheries Bulletin*, in press.
- Loughlin, T.R., and York, A.E. (2000). "An accounting of the sources of Steller sea lion mortality." Unpublished report. *National Marine Mammal Laboratory*, 7600 Sand Point Way NE, Seattle, WA 98115.
- Low, L, et al. (Undated). *Marine Resources*. <http://biology.usgs.gov/s+t/SNT/noframe/mr181.htm>
- Low, L.L., Nelson, R.E., Jr., and Narita, R.E. (1985). "Net loss from trawl fisheries off Alaska." *NOAA Technical Memorandum, NMFS-SWFSC-54*, U.S. DOC, NOAA, pp.130-153.
- Low, L.L., Tanonaka, G.K., and Shippen H.H. (1976). *Sablefish of the Northeastern Pacific Ocean and Bering Sea*. Northwest Fisheries Science Center Processed Report. 115 pp.
- Lowe, S.A. (2002). "Assessment of Gulf of Alaska Atka Mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.523-536.
- Lowe, S.A., and Fritz, L.W. (1996). "Atka mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska region as projected for 1997*, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.331-361.
- Lowe, S.A., and Fritz, L.W. (1997). "Atka mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands as Projected for 1998*, Bering Sea/Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.405-462.
- Lowe, S.A., and Fritz, L.W. (1999a). "Atka mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands as Projected for 2000*, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.569-638.
- Lowe, S.A., and Fritz, L.W. (1999b). "Atka mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2000*, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.403-427.
- Lowe, S.A., and Fritz, L.W. (2001). "Assessment of Gulf of Alaska Atka mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.10-1.
- Lowe, S.A., Fujioka, J.T., and Terry, J.M. (1991). "Bioeconomic analysis of a minimum size limit for Gulf of Alaska sablefish using a yield per recruit model." *Fisheries Research*, 11(1991), pp.307-320.
- Lowe, S.A., Van Doornik, D.M., and Winans, G.A. (1998). "Geographic variation in genetic and growth patterns of the Atka mackerel *Pleurogrammus monopterygius* (Hexagrammidae) in the Aleutian Archipelago." *Fishery Bulletin*, 96, pp.502-515.
- Lowe, S.A., Ianelli, J., Zenger, H., and Reuter, R. (2002). "Stock Assessment of Aleutian Islands Atka Mackerel." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.609-668.

Chapter 3

- Lowe, S.A., Fritiz, L.W., and Zenger, H. (2000). Atka mackerel. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions. NPFMC, P.O.Box 103136, Anchorage, AK.
- Lowe, S.A., Reuter, R.F., and Zenger, H. (2001). "Assessment of Bering Sea/Aleutian Islands Atka mackerel." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.13-1.
- Lowenstein, T. (1986). Some aspects of sea ice subsistence hunting in Point Hope, Alaska. North Slope Borough, Barrow, AK.
- Lowry, L. (1994). Beluga whale species account. ADF&G Wildlife Notebook Series. Accessed on 29 July 2002 from website: <http://www.state.ak.us/adfg/notebook/notehome.htm>
- Lowry, L.F. (1982). "Documentation and assessment of marine mammal-fishery interactions in the Bering Sea." Trans. 47th North American Wildlife and Natural Resource Conference, Portland, Oregon, pp.300-311.
- Lowry, L.F. (1993). "Foods and feeding ecology." The Bowhead Whale, J.J. Burns, J.J. Montague, and C.J. Cowles, eds., The Society for Marine Mammalogy, pp.1-787.
- Lowry, L.F., Burkanov, V.N., and Frost, K.J. (1997). "Importance of walleye pollock in the diet of phocid seals in the Bering Sea and northwestern Pacific Ocean." NOAA Technical Report, NMFS 126, U.S. DOC, NOAA.
- Lowry, L.F., and Frost, K.H. (1981). "Feeding and trophic relationships of phocid seals and walruses in the eastern Bering Sea." The eastern Bering Sea shelf: oceanography and resources, D.W. Hood and J.A. Calder, eds., U.S. DOC, NOAA, Office of Marine Pollution Assessment, Juneau, AK. pp.813-824.
- Lowry, L.F., Frost, K.H., and Burns, J.J. (1978). "Food of ringed seals and bowhead whales near Point Barrow, AK." Canadian Field-Naturalist, 92, pp.67-70.
- Lowry, L.F., Frost, K.H., and Burns, J.J. (1979). "Potential resource competition in the southeastern Bering Sea: fisheries and phocid seals." Alaska Sea Grant Report, 79-6, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.287-296.
- Lowry, L.F., Frost, K.H., and Burns, J.J. (1980a). "Feeding of bearded seals in the Bering and Chukchi seas and trophic interaction with Pacific walruses." Arctic, 33, pp.330-342.
- Lowry, L.F., and Frost, K.J. (1985). "Biological interactions between marine mammals and commercial fisheries in the Bering Sea." Marine mammals and fisheries, J.R. Beddington, R.J.H. Beverton, and D.M. Lavigne, eds., George Allen & Unwin, London, pp.42-61.
- Lowry, L.F., Frost, K.J., and Burns, J.J. (1981a). "Trophic relationships among ice-inhabiting phocid seals and functionally related marine mammals in the Bering Sea." Final Report, Biol. Stud. 11, U.S. DOC, NOAA, OCSEAP Environ. Assess. Alaskan Continental Shelf. pp.97-173.
- Lowry, L.F., Frost, K.J., and Burns, J.J. (1981b). "Trophic relationships among ice-inhabiting phocid seals and functionally related marine mammals in the Chukchi Sea." Biol. Stud. U.S. DOC, NOAA, OCSEAP Environmental Assessment Alaskan Continental Shelf, Final Report. pp.37-95.
- Lowry, L.F., Frost, K.J., and Loughlin, T.R. (1989). "Importance of walleye pollock in the diets of marine mammals in the Gulf of Alaska and Bering Sea, and implications for fishery management." Alaska Sea Grant Report, AK-SG-89-01, Anchorage, Alaska. pp.701-726.
- Lowry, L.F., Frost, K.J., and Seaman, G.A. (1985). "Investigations of belukha whales in coastal waters." Final rep. OCSEAP Res. Unit 512,, ADF&G, 1300 College Road, Fairbanks, AK 99701. pp.24.

Chapter 3

- Lowry, L.F., Frost, K.J., Calkins, D.G., Swartzman, G.L., and Hills, S. (1982). "Feeding habits, food requirements, and status of Bering Sea marine mammals." Document Nos.19 and 19A, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.574.
- Lowry, L.F., Frost, K.J., Davis, R., DeMaster, D.P., and Suydam, R.S. (1998). "Movements and behavior of satellite-tagged spotted seals (*Phoca largha*) in the Bering and Chukchi Seas." *Polar Biology*, 19, pp.221-230.
- Lowry, M.S., Oliver, C.W., Macky, C., and Wexler, J.B. (1990). "Food habits of California sea lions *Zalophus californianus* at San Clemente Island, California, 1981-86." *Fish.Bull.*, U.S.88: 509-521.
- Loy, W. (1993). "Trouble trails rats that abandon ship." *Anchorage Daily News*, Anchorage, AK., pp.A-1.
- Lucas, F.A. (1899). "The food of the northern fur seals." *The fur seals and fur-seal islands of the North Pacific Ocean*, Part 3, D.S.Jordan, ed., U.S.Treasury Department Document 2017, pp.59-68.
- Lynde, C.M., Lynde, M.V., and Francis, R.C. (1986). "Regional and temporal differences in growth of walleye pollock (*Theragra chacogramma*) in the eastern Bering Sea and Aleutian Basin with implications for management." NWAFC Processed Report, 86-10, U.S. DOC, NOAA, NMFS. pp.48.
- Lyver, P.O., Moller, H., and Thompson, C. (1999). "Changes in sooty shearwater *Puffinus griseus* chick production and harvest precede ENSO events." *Marine Ecology Progress Series*, 188, pp.237-248.
- Mac Donald, K.B., and Petersen, K.K. (1976). "Lower Cook Inlet: physical environment, biota, and potential problems related to oil exploration."
- MacCall, A.D. (1984). "Seabird-fishery trophic interactions in eastern Pacific boundary currents: California and Peru." CW65-66/84, Canadian Wildlife Service and Pacific Seabird Group.
- Mace, P.M. (1999). "Current status and prognosis for marine capture fisheries." *Fisheries*, 24(3), pp.1.
- Macinko, S., and Bromley, D. (2002). *Who Own's America's Fisheries?* Island Publications Services, Washington, D.C.
- MacIntosh, R.A., Stevens, B.G., and Haaga, J.A. (1995). "Effects of handling and discarding on mortality of Tanner crabs, *Chionoecetes bairdi*." *Alaska Sea Grant College Program Report*.
- Macy, P.T., Wall, J.M., Lampsakis, N.D., and Mason, J.E. (1978). "Resource of non-salmonid pelagic fishes of the Gulf of Alaska and eastern Bering Sea." NOAA Processed Report, 103, Pt 1, U.S. DOC. pp.355.
- Mageau, M.T., Constanza, R., and Ulanowicz, R.E. (1995). "The development and initial testing of a quantitative assessment of ecosystem health." *Ecosystem Health*, 1(4), pp.201-213.
- Maiolo, J. (1970). "Organization for Social Action: Some Consequences of Competition for Control." *Sociological Quarterly*, Fall 1970, pp.463-472.
- Maiolo, J.R., and Orbach, M.K. (1982). *Modernization and Marine Fisheries Policy*, Ann Arbor Science Publishers, Ann Arbor, MI.
- Makhnyr, A.I., and Perlov, A.S. (1988). "A study of the effect of the harbour seal on the abundance of the brood stock of pink salmon (*Oncorhynchus gorbuscha*) off the coast of Sakhalin Island." *Scientific research on sea mammals of the northern part of the Pacific Ocean in 1986-1987*, N.S.Chernysheva, ed., All-Union Sci.Res.Inst.Sea Fish.Oceanogr. (VNIRO), Moscow, pp.75-82.
- Maloney, N.E., and Heifetz, J. (1997). "Movements of tagged sablefish (*Anoplopoma fimbria*) released in the eastern Gulf of Alaska." NOAA Technical Report, NMFS 130, U.S. DOC, NOAA, Seattle, WA.

Chapter 3

- Mangel, M., Talbot, L.M., Meffe, G.K., Agardy, M.T., Alverson, D.L., Barlow, J., Botkin, D.B., Budowski, G., Clark, T., Cooke, J., Crozier, R.H., Dayton, P.K., Elder, D.L., Fowler, C.W., Funtowicz, S., Giske, J., Hofman, R.J., Holt, S.J., Kellert, S.R., Kimball, L.A., Ludwig, D., Magnusson, K., Malayang III, B.S., Mann, C., Norse, E.A., Northridge, S.P., Perrin, W.F., Perrings, C., Peterman, R.M., Rabb, G.B., Regier, H.A., Reynolds III, J.E., Sherman, K., Sissenwine, M.P., Smith, T.D., Starfield, A., Taylor, R.J., Tillman, M.F., Toft, C., Twiss Jr., J.R., Wilen, J., and Young, T.P. (1996). "Principles for the conservation of wild living things." *Ecological Applications*, 6(2), pp.338-362.
- Maniscalco, J.M., Ostrand, W.D., and Coyle, K.O. (1998). "Selection of fish schools by flocking seabirds in Prince William Sound, Alaska." *Colonial Waterbirds*, 21(3), pp.314-322.
- Mantua, N.J., and S.R.Hare. (2002). The Pacific Decadal Oscillation. *Journal of Oceanography*, 58: 35–44.
- Mantua, N.J., Hare, S.R., Zhang, Y., Wallace, J.M., and Francis, R.C. (1997). "A pacific interdecadal climate oscillation with impacts on salmon production." *Bulletin of the American Meteorological Society*, 78(6).
- Marchant, S., and Higgins, P.J. (1990). *Handbook of Australian, New Zealand, and Antarctic Birds*, Oxford University Press, Melbourne.
- Marlow, M.S., Stevenson, A.J., Chezar, H., and McConnaughey, R.A. (1999). "Tidally generated sea-floor lineations in Bristol Bay, Alaska." *Geo-Marine Letters*, 19, pp.219-226.
- Martin, L., and Zorzi, G.D. (1993). "Status and review of the California skate fishery." *Conservation Biology of elasmobranchs*, S.Branstetter, ed., pp.39-52.
- Martin, M.H., and Clausen, D.M. (1995). "Data report: 1993 Gulf of Alaska bottom trawl survey." NOAA Technical Memorandum, NMFS-AFSC-59, U.S. DOC, NOAA. pp.217.
- Masaki, Y. (1976). "Biological studies on the North Pacific sei whale." *Bulletin Far Seas Fisheries Research Laboratory (Shimizu)*, 14, pp.1-104.
- Masaki, Y. (1977). "The separation of the stock units of sei whales in the North Pacific." *Report of the International Whaling Commission, Special Issue 1*, pp.71-79.
- Mason, J.C., Beamish, R.J., and McFarlane, G.A. (1983). "Sexual maturity, fecundity, spawning, and early life history of sablefish (*Anoplopoma fimbria*) in water off the Pacific coast of Canada." *Canadian Journal of Fisheries and Aquatic Science*, 40, pp.2126-2134.
- Mathisen, O.A. (1959). "Studies on Steller sea lion (*Eumetopia jubatus*) in Alaska." *Transactions of the North American Wildlife Conference*, 24, pp.346-356.
- Matkin C.L., Garrett-Lennard, Maldini, D., and Saulitis, E. (2003). Northern Bulf of Alaska killer whales: Status, population structure and feeding habitat (Prince William Sound/Kenai Fjords/Kodiak. *Marine Science in the Northeast Pacific: Joint Science Symposium*.
- Matthews, D. (1997). *Beyond IFQ implementation: A study of enforcement issues in the Alaska Individual Fishing Quota Program*. Silver Spring, MD.
- Matulich, S., Mittelhammer, R.C., and Reberte, C. (1996). "Toward a More Complete Model of Individual Transferable Fishing Quotas: Implications of Incorporating the Processing Section." *Journal of Environmental Economics and Management*, 31(1), pp.112-128.
- Matulich, S., and Sever, M. (1999). Reconsidering the initial allocation of ITQs: The search for a Pareto-safe allocation between fishing and processing sectors. *Land Economics* 75(2):203-219.
- Mauchline, J. (1980). *The Biology of Mysids and Euphausiids*, Academic Press, New York. 681 pp.
- Maybaum, H. (1990). "Effects of a 3.3 kHz sonar system on humpback whales (*Megaptera novengliae*) in Hawaiian waters." *EOS, Transactions, American Geophysical Union*, 71(2), pp.92.

Chapter 3

- Maybaum, H. (1993). "Response of humpback whales to sonar sounds." *Journal of Acoustic Soc.Am.*, 94(3), pp.1848-1849.
- Mayer, L.M., Schick, D.F., Findlay, R.H, and Rice, D.L. (1991). Effects of commercial dragging on sedimentary organic matter. *Marine Environmental Research* 31:249-261.
- McCaffery, B.J., Harwood, C.M., and Moore, H. (1998). "Results of the 1997 avifaunal inventory, Cape Romanzof Long Range Radar Site, Alaska." Legacy Project, 97611CES001, U.S.Department of Defense, Elmendorf Air Force Base, AK. pp.27.
- McConnaughey, R.A., Mier, K.L., and Dew, C.B. (2000). "An examination of chronic trawling effects on soft-bottom benthos of the eastern Bering Sea." *ICES Journal of Marine Science*, 57, pp.in press.
- McDermond, D.K., and Morgan, K.H. (1993). "Status and conservation of North Pacific albatrosses." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.70-81.
- McDermott, S.F. (1994). "Reproductive biology of rougheye and shortraker rockfish (*Sebastes aleutianus* and *Sebastes borealis*)" Masters Thesis, University of Washington, Seattle, WA.
- McDermott, S.F., and Lowe, S.A. (1997). "The reproductive cycle of Atka mackerel (*Pleurogrammus monopterygius*) in Alaska waters." *Fishery Bulletin*, 95(2), pp.231-333.
- McDevitt, S.A. (1986). A summary of sablefish catches in the Northeast Pacific Ocean, 1956-84. NOAA Tech.Memo. NMFS F/NWC-101. 34 pp.
- McDevitt, S.A. (1990). "Growth analysis of sablefish from mark-recapture data from the northeast Pacific." M.S.University of Washington. 87 pp.
- McDonald, J., Feder, H.M., and Hoberg, M. (1981). "Bivalve Mollusks of the Southeastern Bering Sea." The Eastern Bering Sea Shelf: Oceanography and Resources, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, WA, pp.1155-1204.
- McDonald, M.A. (1999). "Passive acoustic methods applied to fin whale population density estimation." *Journal of the Acoustical Society of America* (Lancaster, PA), 105(5), pp.2643-2647.
- McDonald, M.A., Hildebrand, J.A., and Webb, S.C. (1995). "Blue and fin whales observed on a seafloor array in the Northeast Pacific." *Journal of the Acoustical Society of America* (Lancaster, PA), 98(2), pp.712-720.
- McFarlane, G.A., and Beamish, R.J. (1990). "Effect of an external tag on growth of sablefish (*Anoplopoma fimbria*) and consequences to mortality and age at maturity." *Canadian Journal of Fisheries and Aquatic Science*, 47, pp.1551-1557.
- McFarlane, G.A., King, J.R., and Beamish, R.J. (2000). Have there been recent changes in climate? Ask the fish. *Progress in Oceanography* 47: 147-169.
- McFarlane, G.A., and Nagata, W.D. (1988). "Overview of sablefish mariculture and its potential for industry." Alaska Sea Grant Report, 88-4, University of Alaska, Fairbanks, Fairbanks, AK 99775. pp.105-120.
- McGowan, J.A., Cayan, D.R., and Dorman, L.M. (1998). "Climate-ocean variability and ecosystem response in the Northeast Pacific." *Science*, 281, pp.210-217.
- McHugh, J.L. (1978). "Limited Entry as a Conservation Measure." Limited Entry as a Fishery Management Tool, proceedings of a national conference, Denver, 1978, R.B.Rettig and J.J.C.Ginter, eds., University of Washington Press, Seattle, WA, pp.175-187.
- McKinnell, S., Thomson, A.J., Black, E.A., Wing, B.L., Guthrie III, C.M., Koerner, J.F., and Helle, J.H. (1997). "Atlantic salmon in the North Pacific." *Aquaculture Research*, 28, pp.145-157.

Chapter 3

- McLaren, I.A. (1985). "The biology of the ringed seal (*Phoca hispida* Schreber) in the eastern Canadian Arctic." Fisheries Research Board of Canada Bulletin, 118, pp.97.
- McMurray, G., Vogel, A.H., Fishman, P.A., Armstrong, D.A., and Jewett, S.C. (1984). "Distributional of larval and juvenile red king crabs (*Paralithodes camtschatica*) in Bristol Bay." OCSEAP Final Report, 53 (1986), U.S. DOC, NOAA. pp.267-477.
- McRoy, C.P., and Goering, J.J. (1974). The influence of ice on the primary productivity of the Bering Sea. In Hood, D.W., and E.J.Kelley, eds. Oceanography of the Bering Sea. Occasional Publication No.2, Institute of Marine Science, University of Alaska Fairbanks, AK. pp.403-421.
- Mead, J.G. (1984). "Survey of reproductive data for the beaked whales (Ziphiidae)." Report of the International Whaling Commission, special issue 6, pp.91-96.
- Mead, J.G. (1989). "Beaked whales of Genus *Mesoplodon*." Handbook of Marine Mammals: River Dolphins and the Larger Toothed Whales, S.H.Ridgway and R.Harrison, eds., Academic Press, New York, pp.349-430.
- Medlicott, C. (2002). Using dockside enforcement to compel compliance and improve safety. In J.Lincoln, D.Hudson, G.Conway, and R.Pescatore (eds.), Proceedings of the International Fishing Industry Safety and Health Conference, DHHS (NIOSH) Publication No.2003-102, National Institute for Occupational Safety and Health, Cincinnati.
- Megrey, B.A. (1989). "Exploitation of walleye pollock resources in the Gulf of Alaska, 1965-1988: Portrait of a fishery in transition." Proceedings of the International Symposium on the Biology and Management of walleye pollock, Anchorage, AK. Alaska Sea Grant Report 89-1, pp.33-58.
- Megrey, B.A., Hollowed, A.B., Hare, S.R., Macklin, S.A., and Stabeno, P.J. (1996). "Contributions of FOCI research to forecasts of year-class strength of walleye pollock in Shelikof Strait, Alaska." Fisheries Oceanography, 5(Suppl.1), pp.189-203.
- Megrey, B.A. and Westepad, V.G. (1990). Alaskan groundfish resources: 10 years of management under the Magnuson Fishery Conservation and Management Act. North American Journal of Fisheries Management 10: 125-143.
- Mehlum, F., Hunt Jr. G.L., Decker, M.B., and Nordlund, N. (1998). "Hydrographic features, cetaceans and the foraging of thick-billed murres and other marine birds in the northwestern Barents Sea." Arctic, 51, pp.243-252.
- Mehlum, F., Hunt Jr., G.L., Klusek, Z., Decker, M.B., and Nordland, N. (1996). "The importance of prey aggregations to the distribution of Bruennich's guillemots in Storfjorden, Svalbard." Polar Biology, 16, pp.537-547.
- Melvin, E.F. (2000). "Progress Report: Solutions to the Bycatch of Seabirds in Alaska Longline Fisheries." Submitted to the NPMC.
- Melvin, E.F., Parrish, J.K., and Conquest, L.L. (1999). "Novel tools to reduce seabird bycatch in coastal gillnet fisheries." Conservation Biology, 13(6), pp.1386-1397.
- Melvin, E.F., Parrish, J.K., Dietrich, K.S., and Hamel, O.S. (2001). Solutions to seabird bycatch in Alaska's longline demersal fisheries. Final report to NMFS on research performed by the University of Washington Sea Grant Program in collaboration with the Fishing Vessel Owners Association, the North Pacific Longline Association, the NMFS, and the United States Fish and Wildlife Service, submitted August 31, 2001. Accessed from website on 13 May 2002: <http://www.wsg.washington.edu/pubs/seabirds/seabirdpaper.html>
- Mendelsohn, R. (1985). The benefits of preserving endangered species: with special attention to the humpback whale (including comments and response). NMFS Southwest Fisheries Center Honolulu Laboratory Administrative Report H.

Chapter 3

- Mendenhall, V.M., Laing, K., and Stephenson, S.W. (1998). "Die-off of short-tailed shearwaters and other seabirds in western Alaska, summer 1997." *Pacific Seabirds*, 25(1), pp.37 (Abstract only).
- Merati, N., and Brodeur, R.D. (1997). "Feeding habits and daily ration of juvenile walleye pollock in the western Gulf of Alaska." NOAA Technical Report, NMFS 126, U.S.DOC, NOAA.pp.65-80.
- Merrick, R.L., and Calkins, D.G. (1995). "Importance of juvenile walleye pollock in the diet of Gulf of Alaska sea lions." Unpublished manuscript.NMFS, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115. pp.35.
- Merrick, R.L., and Calkins, D.G. (1996). "Importance of juvenile walleye pollock, *Theragra chalcogramma* in the diet of Gulf of Alaska Steller sea lions (*Eumetopia jubatus*)." NOAA Technical Memorandum, 126, U.S. DOC, NOAA.pp.153-166.
- Merrick, R.L., and Loughlin, T.R. (1997). "Foraging behavior of adult female and young-of-the year Steller sea lions (*Eumetopias jubatus*) in Alaskan waters." *Canadian Journal of Zoology*, 75(5), pp.776-786."
- Merrick, R.L., Chumbley, M.K., and Byrd Jr., G.V. (1997). "Diet diversity of Steller sea lions (*Eumetopias jubatus*) and their population decline in Alaska: a potential relationship." *Canadian Journal of Fisheries and Aquatic Science*, 54, pp.1342-1348.
- Merrick, R.L., Ferm, L.M., Everitt, R.D., Ream, R.R., and Lessard, L.A. (1991). "Aerial and ship-based surveys of northern sea lions, *Eumetopias jubatus*, in the Gulf of Alaska and Aleutian Islands during June and July 1990." NOAA Technical Memorandum, NMFS F/NWC-196, U.S. DOC, NOAA.pp.34.
- Merrick, R.L., Loughlin, T.R., and Calkins, D.G. (1987). "Decline in abundance of the northern sea lion, (*Eumetopias jubatus*) in Alaska, 1956-86." *Fishery Bulletin*, 85(2), pp.351-365.
- Merrill, G. (1999). "Historical accounts of ecosystem change in the eastern Aleutians." *Ecosystem Considerations for 2000*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.89-90.
- Messieh, S.N., Rowell, T.W., Peer, D.L., and Cranford, P.J. (1991). "The effects of trawling, dredging and ocean dumping on the eastern Canadian continental shelf seabed." *Continental Shelf Research*, 11, pp.1237-1263.
- Methot, R.D. (1990). "Synthesis model: An adaptable framework for analysis of diverse stock assessment data." *International North Pacific Fisheries Commission Bulletin*, 50, International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2.pp.259-277.
- Metrick, A. and Weitzman, M. (1996). Patterns of behavior in endangered species preservation. *Land Economics* 72(1):1-16.
- Metzner, K.A. (1993). "Ecological strategies of wintering Steller's eiders on Izembek Lagoon and Cold Bay, Alaska," M.S.thesis, University of Missouri, Columbia.
- Meuter, F.J. and Norcross, B.L. (2002). Spatial and temporal patterns in the demersal fish community on the shelf and upper slope regions of the Gulf of Alaska. *Fish.Bull.* 100:559-581.
- Miles, E., Gibbs, S., Fluharty, D., Dawson, C., and Teeter, D. (1982). *The Management of Marine Regions: The North Pacific*, University of California Press, Berkeley, CA. 656 pp.
- Miller, C.B., Frost, B.W., Batchelder, H.P., Clemons, M.J., and Conway, R.E. (1984). "Life histories of large grazing copepods in a subarctic ocean gyre: *Neocalanus plumchrus*, *Neocalanus cristatus*, and *Eucalanus bungii* in the northeast Pacific." *Progress in Oceanography*, 13, pp.201-243.

Chapter 3

- Mineva, T.A. (1955). "Nekotorye dannye po biologii volosozuba obyknovennogo (Some data on the biology of sandfish) (in Russian)." *Izvestiya Tikhookeanskogo Nauchno-Issledovatel'skogo Instituta Rybnogo Khozyaistva i Okeanografii*, 43, pp.195-198.
- Minobe, S. (1997). "A 50-70 year climatic oscillation over the North Pacific and North America." *Geophysical Research Letters*, 24(6), pp.683-686.
- Minobe, S. (1999). "Resonance in bidecadal and pentadecadal climate oscillations over the North Pacific: Role in climatic regime shifts." *Geophysical Research Letters*, 26, pp.855-858.
- Minobe, S. (2000). "Spatio-temporal structure of the pentadecadal variability over the North Pacific." *Progress in Oceanography* 47: 381-408
- Minobe, S. (2002). "Interannual to interdecadal changes in the Bering Sea and concurrent 1998/99 changes over the North Pacific." *Progress In Oceanography* 55 (2002): 45-64
- Mitchell, D.C. (1997). *Sold American, the Story of Alaska Natives and Their Land*, University Press of New England, Hanover. 476 pp.
- Mitchell, R. (1968). "Northeast Pacific stranding distribution and seasonality of Cuvier's beaked whale, *Ziphius cavirostris*." *Canadian Journal of Zoology*, 46(265-279).
- Mitchell, R. and Carson, R. (1989). *Using Surveys to Value Public Goods: The Contingent Valuation Method*. Resources for the Future, Washington, D.C.
- Miyashita, T. (1986). "Abundance of Baird's beaked whales off the Pacific coast of Japan." Report of the International Whaling Commission, 36, pp.383-386.
- Miyashita, T., and Kato, H. (1993). "Population estimate of Baird's beaked whales off the Pacific coast of Japan using sighting data collected by R/V Shunyo Maru in 1991 and 1992." Document SC/45/SM6 submitted to Scientific Committee of IWC, April 1993 (unpubl.). pp.12.
- Mizroch, S.A., Rice, D.W., and Breiwick, J.M. (1984). "The sei whale, *Balaenoptera borealis*." *Marine Fisheries Review*, 46(4), pp.25-29.
- Mizue, K. (1951). "Food of whales in the adjacent waters of Japan." *Scientific Report of the Whales Research Institute Tokyo*, 5, pp.81-90.
- Moles, A., Heifetz, J., and Love, D.C. (1998). "Metazoan parasites as potential markers for selected Gulf of Alaska rockfishes." *Fish. Bull.* 96: 912-916.
- Moloney, C.L., Cooper, J., Ryan, P.G., and Siegfried, W.R. (1994). "Use of a population model to assess the impact of longline fishing on wandering albatross *Diomedea exulans*."
- Monaghan, P., Uttley, J.D., Burns, M.D., Thaine, C., and Blackwood, J. (1989). "The relationship between food supply, reproductive effort and breeding success in Arctic Terns *Sterna paradisaea*." *Journal of Animal Ecology*, 5, pp.261-274.
- Monaghan, P. (1996). "Relevance of the behavior of seabirds to the conservation of marine environments." *Oikos*, 77(2), pp.227-237.
- Monaghan, P., Uttley, J.D., Burns, M.D., Thaine, C., and Blackwood, J. (1989). "The relationship between food supply, reproductive effort and breeding success in Arctic Terns *Sterna paradisaea*." *Journal of Animal Ecology*, 5, pp.261-274.
- Monaghan, P., Walton, P., Wanless, S., Uttley, J.D., and Burns, M.D. (1994). "Effects of prey abundance on the foraging behavior, diving efficiency and time allocation of breeding guillemots (*Uria aalge*)." *Ibis*, 136, pp.214-222.
- Monaghan, P., Wright, P.J., Bailey, M.C., Uttley, J.D., Walton, P., and Burns, M.D. (1992). "The influence of changes in food abundance on diving and surface feeding seabirds." *Canadian Wildlife Service Occasional Paper*, 91, Canadian Wildlife Service. pp.10-19.

Chapter 3

- Montevecchi, W.A., and Myers, R.A. (1996). "Dietary changes of seabirds indicate shifts in pelagic food webs." *Sarsia*, 80, pp.313-322.
- Montevecchi, W.A., and Myers, R.A. (1997). "Centurial and decadal oceanographic influences on changes in northern gannet populations and diets in the north-west Atlantic: implications for climate change." *ICES Journal of Marine Science*, 54, pp.608-614.
- Montevecchi, W.A., Birt, T.P., and Cairns, D.K. (1988). "Dietary changes of seabirds associated with local fisheries failures." *Biological Oceanography*, 5, pp.153-161.
- Moore, J.C. (1963). "The goose-beaked whale, where in the world?" *Bulletin Chicago Natural History Museum*, 34, pp.2-3, 8.
- Moore, S.E., and Reeves, R.R. (1993). "Distribution and movement." *The bowhead whale*, J.J.Burns, J.J.Montague, and C.J.Cowles, eds., *Soc.Mar.Mammalogy*, pp.313-386.
- Moore, S.E., Stafford, K.M., Dahlheim, M.E., Fox, C.G., Braham, H.W., Polovina, J.J., and Bain, D.E. (1998). "Seasonal variation in reception of fin whale calls at five geographic areas in the North Pacific." *Marine Mammal Science*, 14(3), pp.617-627.
- Moore, S.E., J.M.Waite, L.L.Mazzuca, and R.C.Hobbs. (2000). *Mysticete whale abundance and observations of prey associations on the central Bering Sea shelf*. *Journal of Cetacean Research and Management* 2(3):227-234.
- Moore, S.E., K.M.Staffor, M.E.Dahlheim, C.G.Fox, H.W.Braham, J.J.Polovina, and D.E.Bain. (1998). *Seasonal variation in reception of fin whale calls at five geographic areas in the North Pacific*. *Mar.Mamm.Sci.* 14(3):617-627.
- Moors, P.J., Atkinson, I.A.E., and Sherley, G.H. (1992). "Reducing the rat threat to island birds." *Bird Conservation International*, 2, pp.93-114.
- Morejohn, G.V. (1979). "The natural history of Dall's porpoise in the North Pacific Ocean." *Behavior of Marine Animals*, H.E.Winn and B.L.Olla, eds., *Plenum Press*, New York, pp.45-83.
- Morgan, L. (ed.). (1980). *The Aleutians*. *Alaska Geographic*, Vol.7, No.3. Anchorage: Alaska Geographic Society.
- Morgan, M.J., DeBlois, E.M., and Rose, G.A. (1997). "An observation on the reaction of Atlantic cod (*Gadus morhua*) in a spawning shoal to bottom trawling." *Canadian Journal of Fisheries and Aquatic Science*, 54(Suppl.1), pp.217-223.
- Morris, B.F. (1981). "An assessment of the living marine resources of the central Bering Sea and potential resource use conflicts between commercial fisheries and Petroleum development in the Navarin Basin, Proposed sale No.83.", U.S. DOC, NOAA, NMFS, Environmental Assessment Division, P.O.Box 21668, Juneau, AK 99802, Anchorage, AK.
- Morris, B.F., Altonm, M.S., and Braham, H.W. (1983). "Living Marine Resources of the Gulf of Alaska." NOAA Technical Memorandum, NMFS F/AKR-5, U.S. DOC.pp.1-232.
- Morrison, R., Gish, R., Ruccio, M., and Schwenzfeier, M. (1998). "Annual Area Management Report for the Shellfish Fisheries of the Bering Sea.", State of Alaska, Department of Fish and Game, P.O.Box 25526, Juneau, AK 99802.
- Morrow, J.E. (1980). "The freshwater fishes of Alaska." *University of B.C. Animal Resources Ecology Library*. 248 p.
- Mosbech, A., and Boertmann, D. (1999). "Distribution, abundance and reaction to aerial surveys of post-breeding King Eiders (*Somateria spectabilis*) in western Greenland." *Arctic*, 52, pp.188-203.
- Moyle, P.B. and Cech, J.J. (1988). *Fishes: An Introduction to Ichthyology*. Prentice Hall, Englewood Cliffs. 2nd edition.

Chapter 3

- Muench, R.D., and Heggie, D.T. (1978). "Deep water exchange in Alaskan subarctic fjords." *Estuarine Transport Processes*, B.Kjerfve, ed., Belle W.Baruch Institute for Marine Biology and Coastal Research. University of South Carolina Press, Columbia, SC, pp.239-267.
- Muench, R.D., and Schumacher, J.D. (1985). "On the Bering Sea ice edge front." *Journal of Geophysical Research*, 90, pp.3185-3197.
- Mueter, F.J. (1999). "Spatial and temporal patterns in the Gulf of Alaska groundfish community in relation to the environment," Ph.D., University of Alaska Fairbanks, Fairbanks, AK 99775.
- Mulligan, T.J., Chapman, R.W.and Brown, B.L. (1992). Mitochondrial DNA analysis of walleye pollock, *Theragra chalcogramma*, from the eastern Bering Sea and Shelikof Strait, Gulf of Alaska. *Can.J.Fish.Aquat.Sci.*49:319-326
- Murawski, S. (2000). "Definitions of overfishing from an ecosystem perspective." *ICES Journal of Marine Science*, In press.
- Murie, O.J. (1959). "Fauna of the Aleutian Islands and Alaska Peninsula." *U.S.Fish and Wildlife Service North America Fauna*, 61, pp.1-364.
- Murphy, E.C, Day, R.H., Oakley, K.L., and Hoover, A.A. (1984). "Dietary changes and poor reproductive performance in glaucous-winged gulls." *Auk*, 101, pp.532-541.
- Murphy, E.C., Cooper, R.A., Martin, P.D., Johnson, C.B., Lawhead, B.E., Springer, A.M., and Thomas, D.L. (1987). "The population status of seabirds on St.Matthew and Hall Islands, 1985 and 1986." OCS Study, MMS 87-0043, U.S.Department of the Interior, Minerals Management Service, Anchorage, AK.
- Murphy, E.C., Day, R.H., Oakley, K.L., and Hoover, A.A. (1984). "Dietary changes and poor reproductive performance in glaucous-winged gulls." *Auk*, 101, pp.532-541.
- Murphy, E.C., Springer, A.M., and Roseneau, D.G. (1986). "Population status of common guillemots, *Uria aalge*, at a colony in western Alaska: results and simulations." *Ibis*, 128, pp.348-363.
- Murphy, E.C, Cooper, R.A., Martin, P.D., Johnson, C.B., Lawhead, B.E., Springer, A.M., and Thomas, D.L. (1987). "The population status of seabirds on St.Matthew and Hall Islands, 1985 and 1986." OCS Study, MMS 87-0043, U.S.Department of the Interior, Minerals Management Service, Anchorage, AK.
- Murphy, M.C., and Kruse, G.H. (1995). "An annotated bibliography of capture and handling effects on crabs and lobsters." *Alaska Fishery Research Bulletin*, 2(1), pp.23-75.
- Murphy, M.L., Johnson, S.W., and Csepp, D.J. (2000). "A comparison of fish assemblages in eelgrass and adjacent subtidal habitats near Craig, Alaska.", U.S. DOC, NOAA, NMFS, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, AK 99801.p.submitted to Alaska Fishery Research Bulletin.
- Murray, S.N., Ambrose, R.F., Bohnsack, J.A., Botsford, L.W., Carr, M.H., Davis, G.E., Dayton, P.K., Gotshall, D., Gunderson, D.R., Hixon, M.A., Lubchenko, J., Mangel, M., MacCall, A., McArdle, D.A., Ogden, J.C., Roughgarden, J., Starr, R.M., Tegner, M.J., and Yoklavitch, M.M. (1999). "No-take reserve networks: Sustaining fishery populations and marine ecosystems." *Fisheries*, 24, pp.11-25.
- Musgrave, D.L., Weingartner, T.J., and Royer, T.C. (1992). "Circulation and hydrography in the northwest Gulf of Alaska." *Deep-Sea Research*, 39, pp.1499-1519.
- Musick, J.A., Berkeley, S.A., Cailliet, G.M., Camhi, M., Huntsman, G., Nammack, M., and Warren Jr., M.L. (2000). "Protection of marine fish stocks at risk of extinction." *Fisheries*, 25(3), pp.6-8.
- Musienko, L.N. (1970). "Razmnnozheine i razvitie ryb Beringova morya (Reproduction and development of Bering Sea fishes)." *Soviet fisheries investigations in the northeastern Pacific*, P.A.Moiseev, ed., National Technical Information Service, Springfield, VA.

Chapter 3

- Myrick, A.C., Shallenberger, E.W., Kang, I., and MacKay, D.B. (1984). "Calibration of dental layers in seven captive Hawaiian spinner dolphins, *Stenella longirostris*, based on tetracycline labeling." *Fishery Bulletin*, 82, pp.207-225.
- Naab, R.C. (1971). "The Growing Role of International Agreements in Alaska Fisheries." *Commercial Fisheries Review*, 33(9), pp.27-40.
- Napp, J.M., and Hunt Jr, G.L. (2000). "Anomalous conditions in the southeastern Bering Sea, 1997: Linkages among climate, weather, ocean and biology." *Fisheries Oceanography*, In press.
- Nash, R. (1989). *The Rights of Nature: A History of Environmental Ethics*. University of Wisconsin Press, Madison.
- National Fisheries Conservation Center. (Undated). Industry restructuring overview: Fishing capacity. [Http://nfcc-fisheries.org](http://nfcc-fisheries.org).
- National Geographic, 1999. *Field guide to the birds of North America*, third edition. National Geographic Society, Washington, D.C.
- NMFS Stock Assessment Team (Northwest Fisheries Science Center, F.R.A.a.M.D.a.A.F.S.C., Resource Assessment and Conservation Engineering Division). (1998). "Status of the Sablefish resource off the U.S. Pacific Coast in 1998." Pacific Fishery Management Council, 1998, Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201, pp.29.
- Naumenko, E.A. (1984). "Diet of Capelin, *Mallotus villosus socialis* (Osmeridae), in the Bering Sea." *Journal of Ichthyology*, 24(3), pp.130-134.
- Nelson, M.W. (2002). "Forage Fish Background and Life History Information." *Ecosystem Considerations for 2003*. NPMC., 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.62.
- Nelson, S.K. (1997). "Marbled Murrelet (*Brachyramphus marmoratus*)." *The Birds of North America*, A. Poole and F. Gill, eds., The Academy of Natural Sciences, Philadelphia, PA.
- Nemoto, T. (1957). "Foods of baleen whales in the northern Pacific." *Scientific Report of the Whales Research Institute Tokyo*, 12, pp.33-89.
- Nemoto, T. (1959). "Food of baleen whales with reference to whale movements." *Scientific Report of the Whales Research Institute Tokyo*, 14, pp.149-290.
- Nemoto, T. (1970). "Feeding pattern of baleen whales in the ocean." *Marine Food Chains*, J.H. Steel, ed., University of California Press, Berkeley, California, pp.241-252.
- Nemoto, T., and Kawamura, A. (1977). "Characteristics of food habits and distribution of baleen whales with special reference to the abundance of North Pacific sei and Bryde's whales." *Report of the International Whaling Commission, Special Issue 1*, pp.80-87.
- Nerini, M. (1984). "A review of gray whale feeding ecology." *The gray whale: Eschrichtius robustus*, M.L. Jones, S.L. Swartz, and S. Leatherwood, eds., Academic Press, New York, NY, pp.225-248.
- Nesis, K.N. (1987). *Cephalopods of the world*, TFH Publications, Neptune City, NJ. 351 pp.
- Nichol, D.R. (1995). Spawning and maturation of female yellowfin sole in the eastern Bering Sea. In *Proceedings of the international flatfish symposium*, October 1994, Anchorage, AK, pp.35-50. Univ. Alaska, Alaska Sea Grant Rep. 95-04.
- Nichol, D.G. (1994). "Maturation and Spawning of female yellowfin sole in the Eastern Bering Sea." *Proceedings of the International Pacific Flatfish Symposium*, October 26-28, 1994, Anchorage, AK.
- Nichol, D.G. (1997). "Effects of geography and bathymetry on growth and maturity of yellowfin sole, *Pleuronectes asper*, in the eastern Bering Sea." *Fishery Bulletin*, 95(3), pp.494-503.

Chapter 3

- Nichol, D.G., and Somerton, D.A. (2002). Diurnal vertical migration of the Atka mackerel *Pleurogrammus monopterygius* as shown by archival tags. *Mar. Ecol. Prog. Ser.* 239:193-207
- Nichol, D.R. (1998). Annual and between sex variability of yellowfin sole, *Pleuronectes asper*, spring-summer distributions in the eastern Bering Sea. *Fish. Bull., U.S.* 96: 547-561.
- Nichol, S. (1990). "The age-old problem of krill longevity." *BioScience*, 40, pp.833-836.
- Niebauer, H.J. (1981). Recent fluctuations in sea ice distribution in the eastern Bering Sea In Hood, D.W., and J.A. Calder, eds. *The Eastern Bering Sea Shelf: Oceanography and Resources*. V.1. Univ. Washington Press, Seattle, WA. pp.133-140.
- Niebauer, H.J. (1988). "Effects of El-Nino-Southern Oscillation and North Pacific weather patterns on interannual variability in the Bering Sea." *Journal of Geophysical Research*, 93, pp.5051-5068.
- Niebauer, H.J. (1988). Effects of El-Niño-Southern Oscillation and North Pacific weather patterns on interannual variability in the subarctic Bering Sea. *Journal of Geophysical Research*. Vol 93:5051-5068.
- Niebauer, H.J. (1998). Variability in Bering Sea ice cover as affected by a regime shift in the North Pacific in the period 1947-1996. *J. Geophys. Res.* 103:C12, 27,717-27,737.
- Niebauer, H.J., Alexander, V.A., and Hendricks, S. (1990). "Physical and biological oceanographic interaction in the Spring Bloom at the Bering Sea marginal ice edge zone." *Journal of Geophysical Research*, 95, pp.22,229-22,242.
- Niebauer, H.J., Alexander, V. and Henrichs, S. (1990). Physical and biological interaction in the spring bloom at the Bering Sea marginal ice edge zone. *J. Geophys. Res.* 95:22229-22241.
- Niebauer, H.J., and R.H. Day. (1989). Causes of interannual variability in the sea ice cover of the eastern Bering Sea. *Geojournal* 18:1, 45-59.
- Nielsen, J.G. (1986). "Pleuronectidae." pp.1299-1307. In P.J.P. Whitehead, M.-L. Bauchot, J.-C. Hureau, J. Nielsen and E. Tortonese (eds.) *Fishes of the North-eastern Atlantic and the Mediterranean*. UNESCO, Paris. Vol.3.
- Nishiwaki, M. (1966). "Distribution and migration of the larger cetaceans in the North Pacific as shown by Japanese whaling results." *Whales, Dolphins, and Porpoises*, K.S. Norris, ed., University of California Press, Berkeley, California, Academic Press, New York, pp.29-44.
- Nishiwaki, M., and Handa, C. (1958). "Killer whales caught in the coastal waters off Japan for recent 10 years." *Scientific Report of the Whales Research Institute Tokyo*, 13, pp.85-96.
- Nishiwaki, M., and Oguro, N. (1971). "Baird's beaked whales caught on the coast of Japan in recent ten years." *Scientific Report of the Whales Research Institute Tokyo*, 13, pp.85-96.
- Nishiwaki, M., and Oguro, N. (1972). "Catch of Cuvier's beaked whales off Japan in recent years." *Scientific Report of the Whales Research Institute Tokyo*, 24, pp.35-41.
- NMFS and ADF&G. (2000). "Alaska Harbor Seal Research Plan 2000" by NMFS Alaska Region Protected Resources Division and ADF&G Division of Wildlife Conservation, Aug. 2000. Accessed from website on 15 April, 2002; <http://www.fakr.noaa.gov/protectedresources/seals/rsrchplan800.pdf>
- NMFS and CIMMC. (2002). Agreement between the NMFS and the Cook Inlet Marine Mammal Council for the co-management of the Cook Inlet stock of beluga whale for the year 2002. Signed 21 June 2002. Accessed on 29 July 2002 from website: <http://www.fakr.noaa.gov/protectedresources/whales/beluga/2002cimmcagreement.pdf>
- NMFS. (1976). "Draft Environmental Impact Statement for Preliminary Fishery Management Plan for the Trawl Fishery of the Gulf of Alaska." DOC, NOAA, NMFS. pp.109.

Chapter 3

- NMFS. (1978). "Fishery Management Plan and Environmental Impact Statement for the GOA Groundfish." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NMFS. (1979). "Endangered Species Act Section 7 Biological Opinion for the Bering Sea/Aleutian Island Groundfish Fishery Management Plan." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.4.
- NMFS. (1981). "Environmental Impact Statement for the Groundfish of the BSAI Area." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NMFS. (1991a). "Endangered Species Act Section 7 Biological Opinion for the Fourth Quarter Walleye Pollock Harvest in the 1991 Gulf of Alaska (GOA) Groundfish Fishery issued September 20, 1991." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.6.
- NMFS. (1991b). "Endangered Species Act Section 7 Biological Opinion--Fishery Management Plan for the Bering Sea and Aleutian Islands Groundfish Fisheries and the Total Allowable Catch Specification and its effects to Steller Sea Lions." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.22.
- NMFS. (1991c). "Endangered Species Act Section 7 Biological Opinion--Fishery Management Plan for the Gulf of Alaska Groundfish Fisheries and the Total Allowable Catch Specification and its effects to Steller Sea Lions issued June 5, 1991." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.22.
- NMFS. (1991d). "Recovery plan for the northern right whale (*Eubalaena glacialis*)." Prepared by the Right Whale Recovery Team for the NMFS, Silver Spring, MD 20910. pp.86.
- NMFS. (1991e). "Recovery plan for the humpback whale (*Megaptera novaeangliae*)." Prepared by the Humpback Whale Recovery Team for the NMFS, Silver Spring, MD 20910. pp.105.
- NMFS. (1992a). "Endangered Species Act Section 7 Biological Opinion--Amendment 18 to the Fishery Management Plan for the Groundfish Fishery of the Bering Sea and Aleutian Islands (Steller sea lions) issued March 4, 1992." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1992b). "Endangered Species Act Section 7 Biological Opinion for Total Allowable Catch Specifications for the 1992 Bering Sea/Aleutian Island Groundfish Fishery issued January 21, 1992." U.S.DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.10.
- NMFS. (1993). "Endangered Species Act Section 7 Biological Opinion Concerning Delay of the Bering Sea and Aleutian Islands Groundfish Fishery "B" Season Pollock Fishery issued April 28, 1993." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.6.
- NMFS. (1993a). "Final conservation plan for the northern fur seal (*Callorhinus ursinus*)." Prepared by the NMFS, Alaska Fisheries Science Center, National Marine Mammal Laboratory, Seattle, Washington and the NMFS/Office of Protected Resources, Silver Spring, MD. pp.80.
- NMFS. (1994). "Endangered Species Act Section 7 Biological Opinion--Pacific Salmon.Reinitiation of Consultation on the Effects of the Groundfish Fisheries Conducted under the Bering Sea and Aleutian Islands and Gulf of Alaska Fishery Management Plans of the NPMC,." U.S.DOC, NOAA, NMFS, Northwest Region, 7600 Sand Point Way NE, Seattle, WA 98115.
- NMFS. (1995a). "Endangered Species Act Section 7 Biological Opinion - Pacific Salmon - Reinitiation of Consultation on the Effects of the Groundfish Fisheries Conducted under the Bering Sea and Aleutian Islands and Gulf of Alaska Fishery Management Plans of the NPMC,," DOC, NOAA, NMFS, Northwest Region, 7600 Sand Point Way NE, Seattle, WA 98115.
- NMFS. (1995b). "PRMD Memorandum to the Record re: STALB take, September 14."
- NMFS. (1995c). Status review of the United States Steller sea lion (*Eumetopias jubatus*) population. National Marine Mammal Laboratory, Alaska Fishery Science Center, NMFS, 7600 Sand Point Way, NE, Seattle, WA 98115.

Chapter 3

- NMFS. (1996a). "Endangered Species Act Section 7 Biological Opinion--Fishery Management Plan for the Bering Sea and Aleutian Islands and Gulf of Alaska Groundfish Fisheries and the Total Allowable Catch Specification and its effects to Steller Sea Lions." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1996b). "Endangered Species Act. Section 7. Biological Opinion--Fishery Management Plan for the Gulf of Alaska Groundfish Fisheries and the 1996 Total Allowable Catch Specification and its effects to Steller Sea Lions." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1996c). "Our Living Oceans. Report on the status of U.S. living marine resources, 1999." NOAA Technical Memorandum, NMFS-F/PO-41 U.S. DOC. pp.301.
- NMFS. (1996d). "PRMD Memorandum to the Record re: Short-tailed Albatross take, February 13." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1996e). "Draft environmental assessment/regulatory impact review/initial regulatory flexibility analysis for amendment of the fishery management plan for the groundfish fishery of the Bering Sea and Aleutian Islands Area to implement an improved retention-improved utilization groundfish management program." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1997a). "Environmental Assessment/Regulatory Impact Review/Final Regulatory Flexibility Analysis for a Regulatory Amendment to Reduce the Incidental Seabird Mortality in Groundfish Hook-and-Line Fisheries Off Alaska." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1997b). "Memorandum for the Record from the Administrator, Alaska Region." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1997c). "Report to the IFQ Review Committee of the National Academy of Sciences, National Research Council, Ocean Studies Board." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998). "Supplemental Regulatory Impact Review for Regulatory Amendments Implementing the Catch Monitoring Requirements for the Multispecies Groundfish Community Development Quota Program." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998). Bering Seas Ecosystem Research Plan. NMFS, Alaska Region, Juneau.
- NMFS. (1998a). "Test plan to evaluate effectiveness of seabird avoidance measures required in Alaska's hook-and-line groundfish and halibut fisheries." U.S. DOC, NOAA, National Marine Fisheries Service, Protected Resources Management Division, P.O.Box 21668, Juneau, AK 99802. pp.46.
- NMFS. (1998b). Fisheries of the United States, 1997, U.S. Government Printing Office, Washington, DC.
- NMFS. (1998c). "Draft Technical Guidance to NMFS for Implementing the Essential Fish Habitat Requirements for the Magnuson-Stevens Act." Office of Habitat Conservation, Silver Spring, MD.
- NMFS. (1998d). "Results of the 1998 NMFS Bering Sea Crab Survey: Executive Summary." 1998 Crab Stock Assessment and Fishery Evaluation, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NMFS. (1998e). "Endangered Species Act Section 7 Consultation - Amendment to the 1996 Biological Opinion (Steller sea lion)." U.S. DOC, NOAA, NMFS P.O.Box 21668, Juneau, AK 99802-1668.

Chapter 3

- NMFS. (1998f). "Memorandum from Protected Resources to Sustainable Fisheries Division." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998g). "Endangered Species Act Section 7 Consultation - Biological Opinion: Authorization of an Atka mackerel fishery under the BSAI groundfish FMP between 1999 and 2002; Authorization of a walleye pollock fishery under the BSAI groundfish FMP between 1999 and 2002; and Authorization of a walleye pollock fishery under the GOA groundfish FMP between 1999 and 2002 (Marine mammals including Steller sea lion)." U.S. DOC, NOAA, National Marine Fisheries Service, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998h). "ESA Informal Consultation Regarding Impacts to Newly Listed and Proposed Species From the NPMC, Groundfish Management Plans (Pacific salmon)." Memorandum to the File from William W. Stelle Jr., Regional Administrator, U.S. DOC, NOAA, National Marine Fisheries Service, Northwest Region, 7600 Sand Point Way NE, Seattle, WA 98115.
- NMFS. (1998i). "Final Supplemental Environmental Impact Statement: Groundfish Total Allowable Catch Specifications and Prohibited Species Catch Limits Under the Authority of the Fishery Management Plans for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area and Groundfish of the Gulf of Alaska." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668. pp.692 + Appendices and Comments.
- NMFS. (1998j). "Endangered Species Act Section 7 Biological Opinion: Fishery Management Plan for the Bering Sea and Aleutian Islands and Gulf of Alaska Groundfish Fisheries and the 1999 Total Allowable Catch Specification and its Effects to Steller Sea Lions." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998k). "Revised reasonable and prudent alternative for the 1998 Biological Opinion on NMFS' authorization of a pollock fishery under the Bering Sea-Aleutian Island groundfish Fishery Management Plan, and authorization of a pollock fishery under the Gulf of Alaska groundfish Fishery Management Plan." U.S. DOC, NOAA, NMFS, 1315 E. West Highway, Silver Spring, MD 20910.
- NMFS. (1998l). "Letter from Steve Pennoyer, NMFS, to Ann Rappoport, USFWS, initiating ESA Section 7 formal consultation." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998m). "Report to the Fleet." U.S. DOC, NOAA, NMFS, Restricted Access Management Division, Alaska Region, P.O.Box 21668, Juneau, AK 99802.
- NMFS. (1998n). "Supplemental Regulatory Impact Review for Regulatory Amendments Implementing the Catch Monitoring Requirements for the Multispecies Groundfish Community Development Quota Program." U.S. DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1998o). "Report to Congress on the Status of Fisheries of the United States." DOC, NOAA, NMFS, 1315 E. West Highway, Silver Spring, MD 20910 pp.88.
- NMFS. (1998p). "Biological opinion on 1999 TAC specifications for groundfish fisheries in the BSAI and GOA." U.S. DOC, NOAA, NMFS. pp.188.
- NMFS. (1998x). Managing the Nation's Bycatch: Programs, Activities, and Recommendations for the NMFS, U.S. DOC, NOAA, NMFS. Silver Spring, MD 20910.
- NMFS. (1999). Report of the national task force for defining and measuring fishing capacity. NMFS, Washington, D.C.
- NMFS. (1999a). "North Pacific Groundfish Observer Manual." DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.

Chapter 3

- NMFS. (1999b). "Environmental Assessment for 2000 Groundfish Total Allowable Catch Specifications Implemented under the Authority of the Fishery Management Plans for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area and Groundfish Fishery of the Gulf of Alaska Area." U.S.DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1999c). "Endangered Species Act Section 7 Consultation - Biological Opinion: Authorization of TAC specification for the year 2000 groundfish fishery under the BSAI and GOA groundfish FMPs (Marine mammals including Steller sea lion)." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.pp.129 + Tables and Figures.
- NMFS. (1999d). "Revised Final Reasonable and Prudent Alternative for the 1998 Biological Opinion on NMFS' authorization of a pollock fishery under the Bering Sea-Aleutian Island groundfish Fishery Management Plan, and authorization of a pollock fishery under the Gulf of Alaska groundfish Fishery Management Plan." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.pp.66 + Tables and Figures.
- NMFS. (1999e). "Endangered Species Act Section 7 Consultation, Biological Opinion for Take of Listed Salmon in Groundfish Fisheries Conducted under the BSAI and GOA FMPs." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.pp.61 + figures.
- NMFS. (1999f). "Letter from Steve Pennoyer, NMFS, to Ann Rappoport, USFWS, affirmation of ESA Section 7 determinations on eider species." DOC, NOAA, NMFS, P.O.Box 21668, Juneau, AK 99802-1668.
- NMFS. (1999g). "Hired Skippers in the Pacific Halibut and Sablefish Individual Fishing Quota Program."
- NMFS. (1999h). "Biological opinion on 2000 TAC specifications for groundfish fisheries in the BSAI and GOA." U.S.DOC, NOAA, NMFS.
- NMFS. (2000). Guideline for economic analysis of fishery management actions.NMFS, Office of Sustainable Fisheries, Silver Spring, Maryland.
- NMFS. (2000). Interdecadal climate regime dynamics in the North Pacific Ocean: theories, observations and ecosystem impacts. Progress in Oceanography 47: 355-379.
- NMFS. (2000)[Section 3.8].Draft Environmental Impact Statement: Federal actions associated with management and recovery of Cook Inlet beluga whales.Alaska Regional Office, NMFS, P.O.Box 21668, Juneau, AK 99802.
- NMFS. (2000a). "Scoping Summary Report." Alaska Groundfish Fisheries SEIS, NMFS, Anchorage, AK.
- NMFS. (2000b). "Draft Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis for A Regulatory Amendment to Revise Regulations for Seabird Avoidance Measures in the Hook-and-line Fisheries off Alaska to Reduce Bycatch of the Short-tailed Abalotross and Other Seabird Species." DOC, NOAA, NMFS, Protected Resources Management Division, P.O.Box 21668, Juneau, AK 99802.
- NMFS. (2000c). "Endangered Species Act - Section 7 Consultation Biological Opinion and Incidental Take Statement." DOC, NOAA, NMFS.pp.352 + appendices, tables, & figures.
- NMFS. (2001a). Alaska Groundfish Fisheries: Draft Programmatic Supplemental Environmental Impact Statement. NMFS, Alaska Region, NOAA, U.S.DOC.
- NMFS. (2001a).Alaska Groundfish Fisheries Draft Programmatic Supplemental Environmental Impact Statement.NMFS, Alaska Region, Juneau, AK.
- NMFS. (2001b). Steller Sea Lion Protection Measures: Final Supplemental Environmental Impact Statement. NMFS, Alaska Region, NOAA, U.S.Dept.of Commerce.

Chapter 3

- NMFS. (2001b).Steller Sea Lion Protection Measures Final Supplemental Environmental Impact Statement.Appendix D: Market analysis.NMFS, Alaska Region, Juneau.
- NMFS. (2001e).Final Environmental Impact Statement and Fishery Management Plan for the Pelagic Fisheries of the Western Pacific Region.Prepared for NOAA, NMFS, Southwest Region, URS Corp., Honolulu, HI.
- NMFS. (2001x).Final United States National Plan of Action for Reducing the Incidental Catch of Seabirds in the Longline Fisheries.U.S.DOC, NOAA, NMFS.Silver Spring, MD 20910.pp.22.
- NMFS. (2001xy).Final Supplemental EIS for Steller Sea Lion Protection Measures.
- NMFS. (2002). “A Review of National and International Literature on th Effects of Fishing on Benthic Habitats” NOAA Technical memorandum NMFS-F/SPO-57. K.A.Johnson , ed., NMFS Office of Habitat Restoration, Silver Spring , Maryland.
- NMFS. (2002).Fisheries of the United States, 2001.NMFS, Fisheries Statistics and Economics Division, Silver Spring, Maryland.
- NMFS. (2002a).Final Environmental Impact Statement for American Fisheries Act Amendments 61/61/13/8.NMFS, Alaska Region, Juneau.
- NMFS. (2002b).Annual Report IFQ fee (cost recovery) program, Pacific halibut and sablefish individual fishing quota (IFQ) program.NMFS, Restricted Access Management Program, Alaska Region, Juneau.
- NMFS. (2002c).Objective measures, models, and necessary data: Discussion paper prepared for the Crab Data Group, August 19, 2002.NMFS, Alaska Fisheries Science Center, Seattle.
- NMFS. (2002x).Pacific gray whale population estimate released.Press release from May 10, 2002.NMFS Alaska Region, P.O.Box 21668, Juneau, AK 99802-1668. Accessed on 29 July 2002 from website: <http://www.fakr.noaa.gov/protectedresources/whales/default.htm>
- NMFS. (2002y).Western Arctic bowhead whale populations continue to increase.Press release dated 1 May 2002.NMFS Alaska Region, P.O.Box 21668, Juneau, Alaska 99802-1668. Accessed on 29 July 2002 from website: <http://www.fakr.noaa.gov/protectedresources/whales/>
- NOAA. (1996).“Our living oceans - report on the status of U.S.living marine resources, 1995.” NOAA Technical Memorandum, NMFS-F/SPO-19, DOC, NOAA.pp.160.
- Norris, K.S., and Prescott, J.H. (1961).“Observations on Pacific cetaceans of California and Mexican waters.” University of California Publ.Zool., 63, pp.291-370.
- North Pacific Anadromous Fish Commission. (1998).“Statistical Yearbook, 1994.” North Pacific Anadromous Fish Commission, Vancouver, BC, Canada.
- Northern Economics, Inc. (1990).Commercial Fishing Industry of the Bering Sea.Prepared for the U.S.Department of the Interior, Minerals Management Service.
- Northern Economics, Inc. (1994).Commercial Fishing Industry of the Gulf of Alaska.Prepared for the U.S.Department of the Interior, Minerals Management Service.
- Northern Economics, Inc. (2000).Analysis of AFA Processor Sideboard Limits for Groundfish and Excessive Share Caps for BSAI Pollock Processing.Prepared for the NPFMC.
- Northern Economics, Inc. (2002).Alaska Visitor Arrivals and Profile Summer 2001.Prepared for the State of Alaska Department of Community and Economic Development.
- Northern Economics, Inc. (2002).An assessment of the socioeconomic impacts of the western Alaska Community Development Program.Report prepared for the Alaska Department of Community and Economic Development, Anchorage.
- Northern Economics, Inc.and EDAW, Inc. (2001).Sector and Regional Profiles of the North Pacific Groundfish Fisheries – 2001.

Chapter 3

- Northwest Food Strategies. (Undated). <http://www.northwestfood.org>
- Novikov, N.P. (1970). "Biology of *Chalinura pectoralis* in the North Pacific." Soviet Fisheries Investigations in the Northeastern Pacific, Part V, P.A.Moiseev, ed., Pacific Scientific Research Institute of Fisheries and Oceanography (TINRO), pp.304-331.
- NPFMC (2001a). Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region as Projected for 2002. NPFMC, 605 W. 4th Avenue, Ste.306, Anchorage, AK 99501-2252.
- NPFMC (2001b). Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska Region as Projected for 2002. NPFMC, 605 W. 4th Avenue, Ste.306, Anchorage, AK 99501-2252.
- NPFMC (2002d). Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region as Projected for 2003. NPFMC, 605 W. 4th Avenue, Ste.306, Anchorage, AK 99501-2252.
- NPFMC (2002e). Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2003. NPFMC, 605 W. 4th Avenue, Ste.306, Anchorage, AK 99501-2252.
- NPFMC (December 2003). Scientific Statistical Committee Meeting Notes for December 2003.
- NPFMC website (2002). Interim updates of sector and community profiles prepared by Northern Economics and EDAW Inc. Available at: <http://www.fakr.noaa.gov/npfmc/NorthernEconomics/NorthernEconomics.htm>. 605 West 4th, Suite 306 Anchorage, AK 99501-2252.
- NPFMC website (2002). Interim updates of sector and community profiles prepared by Northern Economics and EDAW Inc. Available at: <http://www.fakr.noaa.gov/npfmc/NorthernEconomics/NorthernEconomics.thm>. 605 West 4th, Suite 306 Anchorage, AK 99501-2252.
- NPFMC. (1998b). "Essential fish habitat assessment report for the groundfish resources of the Bering Sea and Aleutian Islands region." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.125.
- NPFMC. (1998c). "Essential fish habitat assessment report for the groundfish resources for the Gulf of Alaska region." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.137.
- NPFMC. (1999b). "Environmental Assessment for Essential Fish Habitat." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.364.
- NPFMC. (2002a). "Fishery Management Plan for the Groundfish Fishery in the BSAI Area." Updated through Amendment June 2002, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (2002b). "Fishery Management Plan for the Groundfish Fishery of the GOA." Updated through Amendment February 2002, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1977). "Fishery Management Plan and Environmental Impact Statement for the Gulf of Alaska Groundfish Fishery during 1978." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1978). "Fishery Management Plan and Environmental Impact Statement for the Gulf of Alaska Groundfish During 1978." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1981). "Final Environmental Impact Statement for the Groundfish of the Bering Sea and Aleutian Islands Area." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.97.

Chapter 3

- NPFMC. (1989). "Fishery Management Plan for the Commercial King and Tanner Crab Fisheries in the Bering Sea/Aleutian Islands area." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1990). "Fishery Management Plan for the Salmon Fisheries in the EEZ Off the Coast of Alaska." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1991a). "Revised Supplemental to the Draft Environmental Impact Statement, Regulatory Impact Review, Regulatory Flexibility Analysis for the Groundfish Management Plans for the Gulf of Alaska and the Bering Sea/Aleutian Islands - Longlining and Pot Gear Sablefish. Management in the Gulf of Alaska and Bering Sea/Aleutian Islands." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1991b). "Environmental Impact Statement, Regulatory Impact Review, Regulatory Flexibility Analysis for the Proposed Individual Fishing Quota Management Alternatives for the Halibut Fisheries in the Gulf of Alaska and the Bering Sea/Aleutian Islands." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1991c). "NPMC, Individual Fishery Quota System Draft Implementation Plan." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1992). "Final Supplemental Environmental Impact Statement and Regulatory Impact Review/Initial Regulatory Flexibility Analysis of Proposed Inshore/Offshore Allocation Alternatives (Amendment 18/23) to the Fishery Management Plans for the Groundfish Fishery of the Bering Sea and Aleutian Islands and the Gulf of Alaska." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1993). "Environmental Assessment and Regulatory Impact of Amendment 37 to the Fishery Management Plans for the Groundfish Fishery of the Bering Sea and Aleutian Islands." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1994). "Ecosystem Considerations 1995." 1995 Bering Sea and Aleutian Islands Groundfish Stock Assessment and Fishery Evaluation, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1995). "Fishery Management Plan for the Bering Sea/Aleutian Islands Groundfish." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1996). "Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. Ecosystem Considerations." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1997). "Draft Environmental Assessment and Regulatory Impact Review for Amendment 36 to the Fishery Management Plan for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area and Amendment 39 to the Fishery Management Plan for Groundfish of the Gulf of Alaska. To Create and Manage a Forage Fish Species Category." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1997a). "Stock Assessment and Fishery Evaluation Report of the Gulf of Alaska as Projected for 1997." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1997b). "Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region as Projected for 1997." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1998a). "Draft Environmental Impact Assessment/Regulatory Impact Review: Essential Fish Habitat." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.358.

Chapter 3

- NPFMC. (1998b). "Essential fish habitat assessment report for the groundfish resources of the Bering Sea and Aleutian Islands region." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.125.
- NPFMC. (1998c). "Essential fish habitat assessment report for the groundfish resources of the Gulf of Alaska region." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.137.
- NPFMC. (1998d). "Draft Environmental Assessment Regulatory Impact Review/Initial Regulatory Flexibility Analysis for Amendment 55 to the FMP for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area; Amendment 55 to the FMP for Groundfish of the Gulf of Alaska; Amendment 8 to the FMP for the Commercial king and Tanner crab fisheries in the Bering Sea/Aleutian Islands; Amendment 5 to the FMP for scallop fisheries off Alaska; and Amendment 5 to the FMP for the salmon fisheries in the exclusive economic zone off the Coast of Alaska: Essential Fish Habitat." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1998e). "Environmental Assessment Regulatory Impact Review/Initial Regulatory Flexibility Analysis for Amendment 55 to the FMP for the groundfish fishery of the Bering Sea and Aleutian Islands Area; Amendment 55 to the FMP for groundfish of the Gulf of Alaska; Amendment 8 to the FMP for the commercial king and Tanner crab fisheries in the Bering Sea/Aleutian Islands; Amendment 5 to the FMP for scallop fisheries off Alaska; and Amendment 5 to the FMP for the salmon fisheries in the exclusive economic zone off the Coast of Alaska: Essential Fish Habitat." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC.(1998f). "Ecosystem Considerations for 1999." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.64.
- NPFMC. (1999). "Environmental Assessment for Essential Fish Habitat." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.364.
- NPFMC. (1999a). "Draft Environmental Assessment Regulatory Impact Review/Initial Regulatory Flexibility Analysis for Amendments 63/63 to the Fishery Management Plans for the Groundfish Fisheries of the Bering Sea/Aleutian Islands and Gulf of Alaska to revise management of Sharks and Skates." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1999b). "Environmental Assessment for Essential Fish Habitat." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.364.
- NPFMC. (1999c). "Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region (2000 SAFE)." Compiled by the Plan Team for the Bering Sea/Aleutian Islands Groundfish Fisheries, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1999d-a). "A rebuilding plan for the Bering Sea Tanner crab (*C.bairdi*) stock." Environmental Assessment for the proposed Amendment 11 to the Fishery Management Plan for King and Tanner Crab Fisheries in the Bering Sea/Aleutian Islands, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (1999d-b). "A rebuilding plan for the Bering Sea Tanner crab (*C.bairdi*) stock." Environmental Assessment for the proposed Amendment 11 to the Fishery Management Plan for King and Tanner Crab Fisheries in the Bering Sea/Aleutian Islands, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (2000a). "Fishery Management Plan for the Groundfish Fishery in the BSAI Area." Updated through Amendment 66, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (2000b). "Fishery Management Plan for the Groundfish of the GOA." Updated through Amendment 65 In Prep. NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.

Chapter 3

- NPFMC. (2000c). "Draft Environmental Assessment /Regulatory Impact Review for Amendments 65/65/12/7/7: Habitat Areas of Particular Concern." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (2000d). "Draft Environmental Assessment/Regulatory Impact Review - Harvest Controls for HAPC Biota." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- NPFMC. (2000e). "Habitat areas of particular concern - Draft Environmental Assessment/Regulatory Impact Review." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.67.
- NPFMC. (2000f). "Environmental Assessment for Proposed Amendment 14 to the Fishery Management Plan for the King and Tanner Crab Fisheries in the Bering Sea/Aleutian Islands: A Rebuilding Plan for the Bering Sea Snow Crab (*C.Opilio*) Stock. July 2000." NPFMC, 605 W. 4th Ave.Room 306, Anchorage, AK 99510. pp.129
- NPFMC. (2001). Impacts of the American Fisheries Act.Report to Congress and the Secretary of Commerce.NPFMC, Anchorage, AK.
- NPFMC. (2002). Ecosystem Considerations.Appendix C of the Stock Assessment and Fishery Evaluation Reports for the Groundfish Resources of the Bering Sea/Aleutian Islands and Gulf of Alaska Regions.NPFMC, 605 W. 4th Ave., Suite 306, Anchorage, AK 99501. 229 pp.
- NRC. (1999b). The Community Development Program in Alaska, National Academy Press, Washington, DC.
- NRC. (1999c). Sustaining Marine Fisheries, National Academy Press, Washington, DC.165 pp.
- NRC. (2001). "Marine Protected Areas: Tools for Sustaining Ocean Ecosystems." Committee on the Evaluation, Design, and Monitoring of Marine Reserves and Protected Areas in the U.S.Ocean Studies Board, Commission on Geosciences, Environment, and Resources. National Research Council. National Academy Press, Washington, DC. 272 pp.
- NRC. (2002). "Effects of Trawling and Dredging on Seafloor Habitat," Committee on Ecosystem Effects of Fishing: Phase1 - Effects of Bottom Trawling on Seafloor Habitats. Ocean Studies Board, Division on Earth and Life Studies, National Research Council.National Academy Press, Washington, DC. 125 pp.
- Nunes, P.(1984). "Reproductive and larval biology of the northern shrimp *Panadlus borealis* (Kroyer) in relation to temperature," Ph.D., University of Alaska Fairbanks, Fairbanks, AK 99775.
- Nunnallee, E.(1991). "An investigation of the avoidance reactions of Pacific whiting (*Merluccius productus*) to demersal and midwater trawl gear." International Council for the Exploration of the Sea Marine Science Symposium, Pap./B:5, Sess.U.Fish Capture Committ., pp.17.
- NWFSC. (1998). "El Niño continues to bring exotic visitors to Northwest coast." NMFS, NOAA , U.S. DOC, NWFSC 2725 Montlake Boulevard East, Seattle, WA98112.
- Nygard, T., Frantzen, B., and Svazas, S.(1995). "Steller's eider, *Polysticta stelleri* wintering in Europe: numbers, distribution and origin." Wildfowl, 46, pp.140-155.
- Nysewander, D.R., and Trapp, J.L. (1984). "Widespread mortality of adult seabirds in Alaska, August-September 1983." Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.23.
- O'Connell, V., Carlile, D., and Brylinsky, C. (2001). "Demersal shelf rockfish assessment for 2002." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.8-1.
- O'Neill, R.V., DeAngelis, D.L., Waide, J.B., and Allen, T.F.H. (1986). A Hierarchical Concept of Ecosystems.Princeton, New Jersey: Princeton University Press, 253 pp.

Chapter 3

- Oakley, K.L., and Kuletz, K.J. (1996). "Population, reproduction, and foraging of pigeon guillemots at Naked Island, Alaska, before and after the Exxon Valdez oil spill." Proceedings of the Exxon Valdez Oil Spill Symposium, American Fisheries Society Symposium 18, S.D.Rice, R.B.Spies, D.A.Wolfe, and B.A.Wright, eds., American Fisheries Society, Bethesda, Maryland, pp.759-769.
- Obst, B.A., and Hunt Jr., G.L. (1990). "Marine birds feed at gray whale mud plumes in the Bering Sea." Auk, 107, pp.678-688.
- O'Connell, V.M. (1987). "Reproductive seasons for some *Sebastes* species in Southeastern Alaska." ADF&G, Info Leaflet 263, ADF&G, P.O.Box 25526, Juneau, AK 99802. pp.21.
- O'Connell, V.M., and Carlile, D.W. (1993). "Habitat-specific density of adult yelloweye rockfish *Sebastes ruberrimus* in the eastern Gulf of Alaska." Fishery Bulletin, 91, pp.304-309.
- O'Connell, V.M., and Funk, F.C. (1987). "Age and growth of yelloweye rockfish (*Sebastes ruberrimus*) landed in Southeastern Alaska." Alaska Sea Grant Report, 87-2, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.171-185.
- O'Connell, V.M., Carlile, D., and Brylinsky, C. (1999). "Demersal Shelf Rockfishes." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2000, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.427-466.
- O'Connell, V., Brylinsky, C., and Carlile, D. (2002). "Demersal shelf rockfish assessment for 2003." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.419.
- O'Corry-Crowe, G.M., and Lowry, L.F. (1997). "Genetic ecology and management concerns for the beluga whale (*Delphinapterus leucas*)." Molecular genetics of marine mammals, A.E.Dizon, S.J.Chivers, and W.F.Perrin, eds., Society for Marine Mammalogy, pp.249-274.
- O'Corry-Crowe, G.M., Suydam, R.S., Rosenberg, A., Frost, K.J., and Dizon, A.E. (1997). "Phylogeography, population structure and dispersal patterns of the beluga whale (*Delphinapterus leucas*) in the western Nearctic revealed by mitochondrial DNA." Molecular Ecology, 6, pp.955-970.
- O'Dor, R.K. (1998). "Can understanding squid life-history strategies and recruitment improve management?" Cephalopod diversity, ecology, and evolution, A.I.L.Payne, M.R.Lipinski, M.R.Clark, and M.A.C.Roeleveld, eds., S.Afr.J.Mar.Sci., pp.193-206.
- Odum, E.P. (1972). Ecosystem theory in relation to man. pp.11-24. In: J.A.Wiens (ed.) Ecosystem Structure and Function. Oregon State University Press. 176 pp.
- Odum, E.P. (1977). The strategy of ecosystem development. Science 164: 262-270.
- Odum, E.P. (1985). "Trends expected in stressed ecosystems." Science, 35, pp.419-422.
- Ogi, H. (1984). "Feeding ecology of the Sooty Shearwater in the western subarctic North Pacific Ocean." Marine birds: their feeding ecology and commercial fisheries relationships, D.N.Nettleship, G.A.Sanger, and P.F.Springer, eds., Canadian Wildlife Service, pp.78-84.
- Ogi, H., Kubodera, T., and Nakamura, K. (1980). "The pelagic feeding ecology of the Short-tailed Shearwater *Puffinus tenuirostris* in the subarctic Pacific region." Reports of the Yamashina Institute for Ornithology, 12, pp.157-182.
- Ognev, S.I. (1935). Mammals of the U.S.S.R. and adjacent countries, I.P.S.Transl., translator, Moscow.
- Ohsumi, S. (1983). "Population assessment of Baird's beaked whales in the waters adjacent to Japan." Report of the International Whaling Commission, 33, pp.633-641.
- Ohtani, K. (1970). Relative transport in the Alaskan Stream in winter. J.Oceanogr.Soc.Japan, Vol.26, pp.271-282.

Chapter 3

- Ohtani, K., and Azumaya, T. (1995). "Interannual change of the sea conditions on the continental shelf and its influence on abundance of walleye pollock in the eastern Bering Sea." Canadian Special Publication of Fisheries and Aquatic Sciences, 121, pp.87-95.
- Okamura, O. (1970). "Studies on the macrourid fishes of Japan: morphology, ecology, and phylogeny." Reports of the USA Marine Biological Station, 17, pp.1-179.
- Okkonen, S. (1993). Circulation variability in the Bering Sea. Ph.D.thesis, University of Alaska Fairbanks.127 pp.
- Olesiuk, P.F. (1993). "Annual prey consumption by harbor seals (*Phoca vitulina*) in the Strait of Georgia, British Columbia." Fishery Bulletin, 91(3), pp.491-515.
- Oliphant, M.S. (1962). "Pacific bonito food habits." pp.64-82. In L.Pinkas, M.S.Oliphant, and I.L.K.Iverson (eds.) Food habits of Albacore, Bluefin tuna, and Bonito in California waters. Fish.Bull.152.
- Olla, B.L., Davis, M.W., Ryer, C.H., and Sogard, S.M. (1995). "Behavioral responses of larval and juvenile walleye pollock (*Theragra chalcogramma*): possible mechanisms controlling distribution and recruitment." International Council for the Exploration of the Sea Marine Science Symposium, 201, pp.3-15.
- Omura, H., Fujino, K., and Kimura, S. (1955). "Beaked whale *Berardius bairdi* of Japan, with notes on *Ziphius cavirostris*." Scientific Report of the Whales Research Institute Tokyo, 10, pp.89-132.
- Omura, H., and Ohsumi, S. (1974). "Research on whale biology of Japan with special reference to the North Pacific stocks." The Whale Problem: A Status Report, W.E.Schevill, ed., Harvard University Press, Cambridge, pp.196-208.
- Omura, H., Ohsumi, S., Nemoto, T., Nasu, K., and Kasuya, T. (1969). "Black right whales in the North Pacific." Scientific Reports of the Whales Research Institute, 21, pp.1-78.
- Orcutt, H.G. (1950). "The life history of the starry flounder, *Platichthys stellatus* (Pallas)." California Division of Fish and Game Fisheries Bulletin, 78, pp.64.
- Orensanz, J.M., Armstrong, J., Armstrong, D., and Hilborn, R. (1998). "Crustacean resources are vulnerable to serial depletion-the multifaceted decline of crab and shrimp fisheries in the greater Gulf of Alaska." Reviews in Fisheries Science, 8, pp.117-176.
- Orlov, A.M. (1997). "The qualitative characteristic of feeding of the sablefish (*Anoplopoma fimbria*) with notes on its frequency in the Pacific waters of the north Kuril Islands and southeastern Kamchatka." J.Ichthyol.37(1): 33-40.
- Orlov, A.M. (1998). "The diets and feeding habits of some deep-water benthic skates (*Rajidae*) in the Pacific waters off the northern Kuril Islands and Southeastern Kamchatka." Alaska Fishery Research Bulletin, 5(1), pp.1-17.
- Oro, D. (1996). "Effects of trawler discard availability on egg laying and breeding success in the lesser black-backed gull *Larus fuscus* in the western Mediterranean." Marine Ecology Progress Series, 132, pp.43-46.
- Oro, D., Bosch, M., and Ruiz, X. (1995). "Effects of a trawling moratorium on the breeding success of the yellow-legged gull *Larus cachinnans*." Ibis, 137, pp.547-549.
- Orr, J.W., and Blackburn, J. (2000). "Morphology and systematics of dusky rockfish: the *Sebastes ciliatus* problem." Presentation at the 11th Western Groundfish Conference, Sitka, AK, April 25-28, 2000.
- Ostrand, W.D. (1999). "Marbled murrelets as initiators of feeding flocks in Prince William Sound, Alaska." Waterbirds, 22(2), pp.314-318.

Chapter 3

- Ostrand, W.D., Coyle, K.O., Drew, G.S., Maniscalco, J.M., and Irons, D.B. (1998). "Selection of forage-fish schools by murrelets and tufted puffins in Prince William Sound, Alaska." *Condor*, 100, pp.286-297.
- Ostrum, E. (1990). *Governing the Commons: The Evolution of Institutions for Collective Action*, Cambridge University Press, New York.
- Ostrum, E. (1992). "The Rudiments of a Theory of the Origins, Survival, and Performance of Common-Property Institutions." *Making the Commons Work: Theory, Practice and Policy*, D.W.Bromley, ed., ICS Press, San Francisco, pp.293-318.
- Outer Continental Shelf Environmental Assessment Program. (1987). "Marine Fisheries: resources and environments." *The Gulf of Alaska: Physical Environment and Biological Resources*, D.W.Hood and S.T.Zimmerman, eds., Alaska Office, Ocean Assessments Division, NOAA, U.S.DOC, and the Alaska OCS Region Office, Minerals Management Service, U.S.Department of the Interior, Washington, DC, pp.417-458.
- Overland, J.E., Adams, J.M.and Mofjeld, H.O. (2000). Chaos in the North Pacific: spatial modes and temporal irregularity. *Progress in Oceanography* 47: 337-354.
- Pacunski, R.E. (1991). "Flathead sole." NOAA Technical Memorandum, NMFS-F/NWC-207, U.S.DOC, NOAA.pp.163-199.
- Page, E. (2002). Ready for sea: The Seventeenth Coast Guard District's safety program. In J.Lincoln, D.Hudson, G.Conway, and R.Pescatore (eds.), *Proceedings of the International Fishing Industry Safety and Health Conference*, DHHS (NIOSH) Publication No.2003-102, National Institute for Occupational Safety and Health, Cincinnati, Ohio.
- Pahlke, K.A. (1985). "Preliminary studies of capelin (*Mallotus villosus*) in Alaska waters." Information Leaflet, 250, ADF&G, P.O.Box 25526, Juneau, AK 99802.pp.64.
- Paige, A.W., and Wolfe, R.J. (1997). "The subsistence harvest of migratory birds in Alaska - compendium and 1995 update." Unpublished report, ADF&G, P.O.Box 25526, Juneau, AK 99802.
- Palmer, R.S. (1976). *Handbook of North American Birds*, Yale University Press, New Haven, CT,
- Park, Won-Sun and Im Sang Oh. (2000). Interannual and interdecadal variations of sea surface temperature in the East Asian Marginal Seas. *Progress in Oceanography* 47: 191-204
- Parker, K.S., Royer, T.C., and Deriso, R.B. (1995). High-latitude climate forcing and tidal mixing by the 18.6-yr lunar nodal cycle and low-frequency recruitment trends in Pacific halibut (*Hippoglossus stenolepis*), pp.447-459. In R.J.Beamish (ed.) *Climate changes and northern fish populations*. *Can.Spec.Publ.Fish.Aquat.Sci.* 121.
- Parkes, G. (2000). "Precautionary fisheries management: the CCAMLR approach." *Marine Policy*, 24, pp.83-91.
- Parma, A.M. (1998). "Changes in halibut recruitment, growth, and maturity and the harvesting strategy." *International Pacific Halibut Commission 74th Annual Meeting Report*, International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145.pp.43-56.
- Patten Jr., S.M., and Patten, L.R. (1982). "Evolution, Pathobiology, and breeding ecology of large gulls (*Larus*) in the northeast Gulf of Alaska." *Final Report of Principal Investigators*, 18, U.S.NOAA, Outer Continental Shelf Environmental Assessment Program.pp.1-352.
- Paul, A.J., and Paul, J.M. (1996). "Observations on mating of multiparous *Chionoecetes bairdi* Rathbun (Decapoda: Majidae) held with different sizes of males and one-clawed males." *Journal of Crustacean Biology*, 16(2), pp.295-299.

Chapter 3

- Paul, A.J., and Paul, J.M. (1999). "Interannual and regional variations in body length, weight and energy content of age 0 Pacific herring from Prince William Sound, Alaska." *Journal of Fisheries Biology*, 54, pp.996-1001.
- Paul, A.J., Paul, J.M., and Donaldson, W.E. (1995). "Shell Condition and Breeding Success in Tanner Crabs." *Journal of Crustacean Biology*, 15(3), pp.475-480.
- Paul, A.J., Paul, J.M., and Smith, R.L. (1998). "Seasonal changes in whole-body energy content and estimated consumption rates of age-0 walleye pollock from Prince William Sound, Alaska." *Estuarine, Coastal and Shelf Science*, 47, pp.251-259.
- Paul, J.M., Paul, A.J., Vogeler, T.J., and Doyle, J.P. (1997). "Biological investigations on Pacific sandfish (*Trichodon trichodon*) in the northern Gulf of Alaska." *Proceedings of Forage Fishes in Marine Ecosystems*, pp.87-94.
- Paul, J.M., Paul, A.J., Vogeler, T.J., and Doyle, J.P. (1997). "Biological investigations on Pacific sandfish (*Trichodon trichodon*) in the northern Gulf of Alaska." *Proceedings of Forage Fishes in Marine Ecosystems*, pp.87-94.
- Paul, L.M.B., (1994). High seas driftnetting: the plunder of the global commons. Earthtrust, Kailua, HI. Accessed on 18 June 2002 from website; <http://www.earthtrust.org/dnpaper/contents.html>
- Pauly, D. (1980). "On the interrelationships between natural mortality, growth parameters, and mean environmental temperature in 175 fish stocks." *Journal du conseil/ Conseil international pour l'exploration de la mer*, 39(2), pp.175-192.
- Pauly, D., and Christensen, V. (1995). "The primary production required to sustain global fisheries." *Nature*, 374, pp.255-257.
- Pauly, D., Christensen, V., Dalsgaard, J., Froese, R., and Torres Jr., F. (1998). "Fishing down marine food webs." *Science*, 279, pp.860-863.
- Pautzke, C.G. (1997). Russian Far East Fisheries Management. NPFMC Report to Congress. NOAA Coop. Agreement #97-NA77FC006. NPFMC, 605 West 4th Ave., Ste.306, Anchorage, AK 99501.
- Pautzke, C.G., and Oliver, C.W. (1997). "Development of the Individual Fishing Quota Program for sablefish and halibut longliner fisheries off Alaska." NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Payne, S.A., Johnson, B.A., and Otto, R.S. (1997). "Proximate composition of some northeastern Pacific forage species." *Proceedings of Forage Fishes in Marine Ecosystems*, pp.721-729.
- Pearce, D., and Moran, D. (1994). *The Economic Value of Biodiversity*. Earthscan Publications, Ltd., London.
- Pearce, J., Esler, D., and Degtyarev, A. (1998a). "Nesting ecology of spectacled eiders on the Indigirka River Delta, Russia." *Wildfowl*, 49, pp.110-123.
- Pearce, J., Esler, D., and Degtyarev, A. (1998b). "Birds of the Indigirka River Delta, Russia: historical and biogeographic comparisons." *Arctic*, 51, pp.361-370.
- Pearcy, W.G. (1962). "Egg masses and early development stages of the scorpaenid fish *Sebastolobus*." *Journal of the Fisheries Research Board of Canada*, 19(6), pp.1169-1173.
- Pearcy, W.G., and Ambler, J.W. (1974). "Food habits of deep-sea macrourid fishes off the Oregon coast." *Deep-Sea Research*, 21, pp.745-759.
- Pearcy, W.G., and Hancock, D. (1978). "Feeding habits of dover sole, (*Microstomus pacificus*) rex sole, (*Glyptocephalus zachirus*) slender sole, (*Lyopsetta exilis*) and pacific sanddab, (*Citharichthys sordidus*) in a region of diverse sediments and bathymetry off Oregon." *Fish.Bull.* 76(3): 641-651.

Chapter 3

- Pearcy, W.G., Stein, D.L., Hixon, M.A., Pikitch, E.K., Barss, W.H., and Starr, R.M. (1989). "Submersible observations of deep-reef fishes of Heceta Bank, Oregon." *Fishery Bulletin*, 87, pp.955-965.
- Pearse, P.H., and Walters, C.J. (1992). "Harvesting regulation under quota management systems for ocean fisheries." *Marine Policy*, 16, pp.167-182.
- Pearson, K.E., and Gunderson, D.R. (in review). "Reproductive biology and ecology of shortspine thornyhead rockfish (*Sebastolobus alascanus*) and longspine thornyhead rockfish (*S. Altivelis*) from the northeastern Pacific Ocean." Unpubl.manuscr., 33 pp.
- Pease, C.H. (1981). Eastern Bering Sea ice dynamics and thermodynamics in Hood, D.W., and J.A. Calder, eds. *The Eastern Bering Sea Shelf: Oceanography and Resources*. V.1. Univ. Washington Press, Seattle, WA. pp.213-222.
- Pennycuik, C.J. (1989). *Bird flight performance: A practical calculation manual*, Oxford University Press, Oxford.
- Pereya, W.T., Reeves, J.E., and Bakkala, R.G. (Principal Investigators). (1976). Demersal fish and shellfish resources of the eastern Bering Sea in the baseline year 1975. U.S.DOC., NOAA, NMFS, NWFSC, Seattle, Wash. Proc. Rep. in two parts: Narrative report, 619 pp; Data appendices, 534 pp. (Processed.) Various portions of the two parts are written by various authors.
- Perez, M.A. (1990). "Review of marine mammal population and prey information for Bering Sea ecosystem studies." NOAA Technical Memorandum, NMFS F/NWC-186, U.S.DOC, NOAA. pp.81.
- Perez, M.A., and Bigg, M.A. (1981). "An assessment of the feeding habits of the northern fur seal in the eastern North Pacific Ocean and eastern Bering Sea." Unpublished manuscript, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115.
- Perez, M.A., and Bigg, M.A. (1986). "Diet of northern fur seals, *Callorhinus ursinus*, off western North America." *Fishery Bulletin*, 84(4), pp.959-973.
- Perez, M.A., and McAlister, B. (1993). "Estimates of food consumption by marine mammals in the eastern Bering Sea." NOAA Technical Memorandum, NMFS-AFSC-14, U.S.DOC, NOAA. pp.36.
- Perrin, W.F., and Myrick, A.C. (1980). "Age Determination of Toothed Whales and Sirenians." Report of the International Whaling Commission, Special Issue 3.
- Perry, A., Baker, C.S., and Herman, L.M. (1990). "Population characteristics of individually identified humpback whales in the central and eastern North Pacific: a summary and critique." Report of the International Whaling Commission, Special Issue 12, pp.307-317.
- Perry, S.L., DeMaster, D.P., and Silber, G.K. (1999a). "The Great Whales: History and status of six species listed as endangered under the U.S. Endangered Species Act of 1973." *Marine Fisheries Review*, 61, pp.74.
- Perry, S.L., DeMaster, D.P., and Silber, G.K. (1999b). "The sei whale." *Marine Fisheries Review*, 61(1), pp.52-58.
- Petersen, M.R. (1980). "Observations of wing-feather moult and summer feeding ecology of Steller's eiders at Nelson Lagoon, Alaska." *Wildfowl*, 31, pp.99-106.
- Petersen, M.R. (1981). "Populations, feeding ecology and molt of Steller's eiders." *Condor*, 83, pp.256-262.
- Petersen, M.R., Larned, W.W., and Douglas, D.C. (1999). "At-sea distribution of spectacled eiders: a 120-year-old mystery resolved." *Auk*, 116(4), pp.1009-1020.
- Peterson, M.R., W.W. Larned, and D.C. Douglas. 1999. At-sea distribution of spectacled eiders; a 120-year-old mystery resolved. *Auk* 116(4): 1009 – 1020.

Chapter 3

- Philander, S.G. (1990). *El Niño, La Niña, and the Southern Oscillation*. Academic Press, Inc. San Diego, California 293 pp.
- Piatt, J.F. (1990). "The aggregative response of Common Murres and Atlantic Puffins to schools of capelin." *Studies in Avian Biology*, 14, pp.36-51.
- Piatt, J.F., Abookire, A.A., Drew, G., Kitaysky, A., Litzow, M., Nielsen, A., Speckmann, S., van Pelt, T., and Zador, S. (1998). "Cook Inlet seabird and forage fish studies." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 97163M, U.S. Geological Survey, Biological Resource Division, Anchorage, AK.
- Piatt, J.F., and Anderson, P.J. (1996). "Response of Common Murres to the Exxon Valdez oil spill and long-term changes in the Gulf of Alaska ecosystem." *American Fisheries Society Symposium*, 18, pp.720-737.
- Piatt, J.F., and Nettleship, D.R. (1985). "Diving depths of four alcids." *Auk*, 102, pp.293-297.
- Piatt, J.F., and Ford, R.G. (1996). "How many seabirds were killed by the Exxon Valdez oil spill?" *American Fisheries Society Symposium*, 18, pp.712-719.
- Piatt, J.F., and Roseneau, D.G. (1998). "Cook Inlet seabird and forage fish studies (CISEAFFS)." *Pacific Seabirds*, 25, pp.39.
- Piatt, J.F., and van Pelt, T.I. (1997). "Mass-mortality of Guillemots (*Uria aalge*) in the Gulf of Alaska in 1993." *Marine Pollution Bulletin*, 34, pp.656-662.
- Piatt, J.F., Lensink, C.J., Butler, W., Kendziorek, M., and Nyswander, D. (1990). "Immediate impact of the Exxon Valdez oil spill on marine birds." *Auk*, 107(2), pp.387-397.
- Piatt, J.F., Roby, D.D., Henkel, L., and Neuman, K. (1997). "Habitat use, diet and breeding biology of tufted puffins in Prince William Sound, Alaska." *Northwestern Naturalist*, 78, pp.102-109.
- Piatt, J.F., and Naslund, N.L. (1995). Abundance, Distribution, and population status of marbled murrelets in Alaska. In: *Ecology and conservation of the marbled murrelet*. USDA Forest Service General Technical Report PSW-GTR-152. Ralph, C.J., G.Hunt, M.Raphael, and J.F.Piatt (Eds.)
- Piatt, J.F., and R.G.Ford. (1993). Distribution and abundance of marbled murrelets in Alaska. *The Condor* 95: 662-669.
- Piatt, J.F., Naslund, N.L., and Van Pelt, T.I. (1999). Discovery of a new Kittlitz's murrelet nest: clues to habitat selection and nest-site fidelity. *Northwestern Naturalist* 80: 8-13.
- Pickett, S.T.A., Parker, V.T., and Fiedler, P.L. (1992). "The new paradigm in ecology: implications for conservation biology above the species level." *Conservation Biology: the Theory and Practice of Nature Conservation, Preservation, and Management*, P.L.Jain and S.K.Jain, eds., Chapman & Hall, New York, pp.65-88.
- Pike, G. (1953). "Two record of *Berardius bairdi* from the coast of British Columbia." *Journal of Mammalogy*, 34, pp.98-104.
- Pikitch, E.K., Erickson, D.L., and Wallace, J.R. (1988). "An evaluation of the effectiveness of trip limits as a management tool." NWAFC Processed Report, 88-27, DOC, NOAA, NMFS. pp.33.
- Pilskaln, C.H., Churchill, J.H., and Mayer, L.M. (1998). Resuspension of sediment by bottom trawling in the Gulf of Maine and potential geochemical consequences. *Conservation Biology* 12(6):1223-1229.
- Pimm, S. (1982). *Food webs*, Chapman and Hall, London, UK.
- Pitcher, K.W. (1980a). "Stomach contents and feces as indicators of harbor seal, *Phoca vitulina*, foods in the Gulf of Alaska." *Fishery Bulletin*, 78(3), pp.797-798.
- Pitcher, K.W. (1980b). "Food of the harbor seal, *Phoca vitulina richardsi*, in the Gulf of Alaska." *Fishery Bulletin*, 78(2), pp.544-549.

Chapter 3

- Pitcher, K.W. (1981). "Prey of Steller sea lion (*Eumetopias jubatus*) in the Gulf of Alaska." *Fishery Bulletin*, 79(3), pp.467-472.
- Pitcher, K.W. (1990). "Major decline in number of harbor seals, *Phoca vitulina richardsi*, on Tugidak Island, Gulf of Alaska." *Marine Mammal Science*, 6, pp.121-134.
- Pitcher, K.W., and Calkins, D.G. (1979). "Biology of the harbor seal (*Phoca vitulina richardsi*) in the Gulf of Alaska." *OCEAP Final Report*, 19 (1983), U.S.DOC, NOAA.pp.231-310.
- Pitcher, K.W., and Calkins, D.G. (1981). "Reproductive biology of Steller sea lions in the Gulf of Alaska." *Journal of Mammalogy*, 62, pp.599-605.
- Pitcher, K., Olesiuk, P., Brown, R., Lowry, M., Sease, J., Perryman, W., Stichcomb, C., Lowery, L. (2003). Status and trend of the eastern population of the Steller sea lion. *Marine Science in the Northeast Pacific: Joint Science Symposium*.
- Platform of Opportunity Program. (1997). Database of opportunistic marine mammal sightings. National Marine Fisheries Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115.
- Ponomareva, L.A. (1963). *Euphausiids of the North Pacific: their distribution and ecology*, I.P.f.S.T. Translated from Russian, Jerusalem, 1966, translator, Akademiya Nauk SSSR Institute Okeanologii, Moskow, U.S.S.R. 154 pp.
- Pope, J. (1972). "An investigation of the accuracy of virtual population analysis using cohort analysis." *Res.Bull.Int.Comm.Northwest Atl.Fish.*, 9, pp.65-74.
- Popov, L.A. (1976). "Status of main ice forms of seals inhabiting waters of the U.S.S.R. and adjacent to the country marine areas." *ACMRR/MM/SC/51*, Food and Agriculture Organization of the United Nations. pp.17.
- Pradel, R. (1996). Utilization of capture-recapture for the study of recruitment and population growth rate. *Biometrics* 52, 703-709.
- Pratt Jr., H.L., and Castro, J.I. (1991). Shark reproduction: parental investment and limited fisheries, an overview. In *Discovering Sharks*. S.H. Gruber ed. American Littoral Society, Highlands, N.J. USA. pp.56-60.
- Prena, J., Schwinghammer, P., Rowell, T.W., Gordon Jr, D.C., Gilkinson, K.D., Vass, W.P., and D.L., M. (1999). "Experimental otter trawling on a sandy bottom ecosystem of the Grand Banks of Newfoundland: analysis of trawl bycatch and effects on epifauna." *Marine Ecology Progress Series*, 181, pp.107-124.
- Price, R.E. (1990). *The Great Father in Alaska, the Case of the Tlingit and Haida Salmon Fishery*, First Street Press, Douglas, AK. 203 pp.
- Pruter, A.T. (1976). "Soviet fisheries for bottomfish and herring off the Pacific and Bering Sea Coasts of the U.S." paper 1225, *Marine Fisheries Review*. pp.1-15.
- Purcell, J.E. (1989). "Predation on fish larvae and eggs by the hydromedusa *Aequorea victoria* at a herring spawning ground in British Columbia." *Can.J.Fish.Aquat.Sci.* 46: 1415-1427.
- Putz, K., Wilson, R.P., Charrassin, J.B., Raclot, T., Lage, J., Le Maho, Y., Kierspel, M.A., Culik, B.M., and Adelung, D. (1998). "Foraging strategy of King Penguins (*Aptenodytes Patagonicus*) during summer at the Crozet Islands." *Ecology*, 79(6), pp.1905-1921.
- Quakenbush, L., and Cochrane, J.F. (1993). "Report on the conservation status of the Steller's eider (*Polysticta stelleri*), a candidate threatened and endangered species." Unpublished report, U.S. Fish and Wildlife Service, Anchorage, AK. pp.26.
- Quakenbush, L., and Suydam, R. (1999). "Periodic nonbreeding of Steller's eiders near Barrow, Alaska, with speculations on possible causes." *Behavior and ecology of sea ducks*, R.I. Goudie, M.R. Petersen, and G.J. Robertson, eds., Canadian Wildlife Service, Ottawa, Ontario.

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- Queirolo, L.E., Fritz, L.W., Livingston, P.A., Loefflad, M.R., Colpo, D.A., and DeReynier, Y.L. (1995). "Bycatch, utilization and discards in the commercial groundfish fisheries of the Gulf of Alaska, eastern Bering Sea, and Aleutian Islands." NOAA Technical Memorandum, NMFS-AFSC-58, U.S.DOC, NOAA. pp.148.
- Quinn II, T.J., and Niebauer, H.J. (1995). "Relation of eastern Bering Sea walleye pollock (*Theragra chalcogramma*) recruitment to environmental and oceanographic variables. In climate change and northern fish populations." Canadian Special Publication of Fisheries and Aquatic Sciences, 121, pp.497-507.
- Radchenko, V.I. (1992). "The role of Squid in the pelagic ecosystem of the Bering Sea." *Okeanologiya*, 32(6), pp.1093-1101.
- Radchenko, V.I., and Sobolevskiy, Y.I. (1993). "Seasonal spatial distribution dynamics of walleye pollock *Theragra chalcogramma*, in the Bering Sea." *Journal of Ichthyology*, 33, pp.63-76.
- Raftery, A., Zeh, J., and Givens, G. (1995). "Revised estimate of bowhead rate of increase." International Whaling Commission, The Red House, 135 Station Road, Histon, Cambridge, UK CB4 4NP.
- Ralph, C.J., Hunt, G., Raphael, M., and Piatt, J.F. (Eds.). (1995). Ecology and conservation of the marbled murrelet. USDA Forest Service General Technical Report PSW-GTR-152, 420 pp.
- Randall, A. (1986). Human preferences, economics, and the preservation of species. In B.Norton (ed.), *The Preservation of Species*, Princeton University Press, Princeton, New Jersey.
- Raum-Suryan, K.L., and Harvey, J.T. (1998). "Distribution and abundance of and habitat use by harbor porpoise (*Phocoena phocoena*) off the northern San Juan Islands, Washington." *Fishery Bulletin*, 96, pp.808-822.
- Raum-Suryan, K.L., Pitcher, K.W., Sease, J.L., Loughlin, T.R., and Calkins, D.G. (Submitted). "Insights into dispersal, rookery fidelity, and metapopulation structure of Steller sea lions (*Eumetopias jubatus*) in an increasing and declining population in Alaska." *Marine Mammal Science*.
- Rea, L.R.G., and Mioskowski, E. (1997). "Changes in plasma fatty acids indicate changes in nutritional status in developing Weddell seal pups." *Polar Biology*, 18, pp.351-357.
- Read, A., and Wade, P.R. (2000). "Status of marine mammals in the United States." *Conservation Biology*, In press.
- Reeburgh, W.S., and Kippbut, G.W. (1986). "Chemical Distributions and Signals in the Gulf of Alaska, Its Coastal Margins and Estuaries." *The Gulf of Alaska: Physical Environment and Biological Resources*, D.W.Hood and S.T.Zimmerman, eds., Alaska Office, Ocean Assessments Division, NOAA, U.S.DOC, and the Alaska OCS Region Office, Minerals Management Service, U.S.Department of the Interior, Washington, DC, pp.77-92.
- Reed, R.K. (1984). "Flow of the Alaskan Stream and its variations." *Deep-Sea Research*, 31, pp.369-386.
- Reed, R.K. (1995). "Water properties over the Bering Sea Shelf: climatology and variations." NOAA Technical Report, ERL 452-pmel 42, U.S. DOC, NOAA, Environmental Research Laboratories. pp.15.
- Reed, R.K., Khen, G.V., Stabeno, P.J., and Verkhunov, A.V. (1993). "Water properties and flow over the deep Bering Sea basin, summer 1991." *Deep-Sea Research*, 40, pp.2325-2334.
- Reed, R.K., and Schumacher, J.D. (1986). "Physical oceanography." *The Gulf of Alaska: Physical Environmental and Biological Resources*, D.W.Hood and S.T.Zimmerman, eds., Department of Commerce, , NOAA, Ocean Assessments Division, Washington, DC and Department of the Interior, Alaska OCS Region Office, Minerals Management Service, pp.57-75.

Chapter 3

- Reed, R.K., and Stabeno, P.J. (1994). "Flow along and across the Aleutian Ridge." *Journal of Marine Research*, pp.52.
- Reeves, R.R. and Whitehead, H. 1997. Status of the sperm whale (*Physeter macrocephalus*) in Canada. *Can. Field Naturalist* 111(2): 293-307.
- Regier, H.A. (1990). "Indicators of ecosystem integrity." *Ecological Indicators*, D.H. McKenzie, D.E. Hyatt, and V.J. McDonald, eds., Elsevier Science Publishers, Ltd., London, UK, pp.183-200.
- Reid, K., Croxall, J.P., and Prince, P.A. (1996). "The fish diet of black-browed albatross *Diomedea melanophris* and grey-headed albatross *D. chrysostoma* at South Georgia." *Polar Biology*, 16(469-477).
- Reidman, M.L. (1987). "Summary of information on the biology of the sea otter." Final environmental impact statement for proposed translocation of southern sea otters. Technical Support Documents, U.S. Fish and Wildlife Service and University of California, Santa Cruz, CA.
- Reilly, S.B., and Thayer, V.G. (1980). "Blue whale (*Balaenoptera musculus*) distribution in the eastern Tropical Pacific." *Marine Mammal Science*, 6(4), pp.265-277.
- Reise, K. (1982). "Long-term changes in the macrobenthic invertebrate fauna of the Wadden Sea: are polychaetes about to take over?" *Netherlands Journal of Sea Research*, 16, pp.29-36.
- Research Planning, Inc. (1988). "Natural Resource Response Guide: Marine Birds." Prepared for NOAA, RPI/SR/88-16, Research Planning, Inc., Columbia, South Carolina. pp.32.
- Rester, J.K. (2000). "Annotated bibliography of fishing impacts on habitat." Number 73, Gulf States Marine Fisheries Commission, Ocean Springs, MS. pp.168.
- Reuter, R.F. (1999). "Describing dusky rockfish (*Sebastes ciliatus*) habitat in the Gulf of Alaska using historical data," M.S., California State University, Hayward.
- Reuter, R.F., and Spencer, P.D. (2001). "Other rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.12-1.
- Reuter, R.F., and Spencer, P.D. (2002). "Other rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.581.
- Reuter, R.F., and Spencer, P.D. (2002a). "Other red rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.559
- Ribic, C.A., Johnson, S.W., and Cole, C.A. (1997). "Distribution, type, accumulation, and source of marine debris in the U.S., 1989-1993." *Marine Debris Sources, Impacts, and Solutions*, J.M. Coe and D.B. Rogers, eds., Springer-Verlag New York, Inc., New York, pp.35-47.
- Rice, D.W. (1974). "Whales and whale research in the eastern North Pacific." *The whale problem: A status report*, W.E. Schevill, ed., Harvard Press, Cambridge, MA, pp.170-195.
- Rice, D.W. (1977). "Synopsis of biological data on the sei whale and Bryde's whale in the eastern North Pacific." *Report of the International Whaling Commission, Special Issue 1*(92-97).
- Rice, D.W. (1978). "Blue Whale." *Marine Mammals of Eastern North Pacific and Arctic Waters*, D. Haley, ed., Pacific Search Press, Seattle, WA, pp.30-35.
- Rice, D.W. (1986). "Beaked whales." *Marine mammals of the eastern North Pacific and Arctic waters*, D. Haley, ed., Pacific Search Press, Seattle, WA, pp.102-109.
- Rice, D.W. (1986a). "Sperm whales." *Marine mammals of the eastern North Pacific and Arctic waters*, D. Haley, ed., Pacific Search Press, Seattle, WA, pp.102-109.

Chapter 3

- Rice, D.W. (1998). "Marine Mammals of the world: Systematics and Distribution." The Society for Marine Mammalogy Special Publication, 4, Allen Press, Inc. pp.231.
- Rice, D.W. (1989). Sperm Whale (*Physeter macrocephalus*.) pp.177-233, In S.H.Ridgeway and R.Harrison (eds.), Handbook of Marine Mammals, Vol. 34, River Dolphins and the Larger Toothed Whales. Academic Press, New York.
- Rice, D.W. (1992). "The blue whales of the southeastern North Pacific Ocean." AFSC Quartely Report, Oct-Dec, DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.99.1-3.
- Rice, D.W., and Wolman, A.A. (1971). "The life history and ecology of the gray whale, *Eschrichtius robustus*." Am.Soc.Mammal.Special Publication 3.pp.142.
- Rice, D.W., and Wolman, A.A. (1982). "Whale census in the Gulf of Alaska, June to August 1980." Report of the International Whaling Commission, 32, pp.1-11.
- Rice, J. (1995). "Food web theory, marine food webs, and what climate change may do to northern marine fish populations. In Climate change and northern fish populations." Canadian Special Publication of Fisheries and Aquatic Sciences, 121.
- Rice, J., and Gislason, H. (1996). "Patterns of change in the size spectra of numbers and diversity of the North Sea fish assemblage, as reflected in surveys and models." ICES Journal of Marine Science, 53, pp.1214-1225.
- Rice, J., and Richards, L. (1995). "Effectiveness of three technical measures in the management of the British Columbia rockfish trawl fishery." Council Meeting on the Int.Counc.for the Exploration of the Sea, Aalborg (Denmark).
- Richardson, S. (1994). "Status of the short-tailed albatross on Midway Atoll." Elepaio Journal of the Hawaii Audubon Society, 54, pp.35-37.
- Richardson, W.J., Greene Jr., C., Malme, C.I., and Thomson, D.H. (1995). Marine mammals and noise, Academic Press, San Diego.
- Richardson, W.J., Greene Jr., C.R., Hanna, J.S., Koski, W.R., Miller, G.W., Paternaude, N.J., and Smultea, M.A. (1995). Acoustic affects of oil production activities on bowhead and white whales visible during the spring migration near Pt.Barrow, Alaska-1991 and 1994 phases. Report for U.S.Minerals Management Service from LGL, Ltd., King City, Ont., Canada.OCS Study MMS 95-00512, 539 pp.
- Rickey, M.H. (1995). "Maturity, spawning and seasonal movement of arrowtooth flounder, *Atheresthes stomias*, off Washington." Fishery Bulletin, 93(1), pp.127-138.
- Ricklefs, R.E. (1990). "Seabird life histories and the marine environment: Some speculations." Colonial Waterbirds, 13(1), pp.1-6.
- Ricklefs, R.E. (2000). "Density dependence, evolutionary optimization, and the diversification of avian life histories." Condor, 102, pp.9-22.
- Riemann, B., and Hoffmann, E. (1991). "Ecological consequences of dredging and bottom trawling in the Limfjord, Denmark." Marine Ecology Progress Series, 69(1-2), pp.171-178.
- Rikhter, V.A., and Efanov, V.N. (1976). "On one of the approaches to estimation of natural mortality of fish populations." ICNAF Res.Doc.76/VI/8, Serial N.3777.pp.13.
- Risk, M.J., McAllister, D.E., and Behnken, L. (1998). "Conservation of cold- and warm-water seafans: Threatened ancient gorgonian groves." Sea Wind, 10(4), pp.20-22.
- Robards, M.D., Gould, P.J., and Piatt, J.F. (1997). "The highest global concentrations and increased abundance of oceanic plastic debris in the North Pacific: Evidence from seabirds." Marine Debris: Sources, Impacts, and Solutions, J.M.Coe and D.B.Rogers, eds., Springer-Verlag, New York, pp.71-80.

Chapter 3

- Robards, M.D., Piatt, J.F., Kettle, A.B., and Abookire, A.A. (1999). "Temporal and geographic variation in fish communities of lower Cook Inlet, Alaska." *Fishery Bulletin*, 97(4), pp.962-977.
- Robertson, G., and Gales, R. (1998). *Albatross: Biology and Conservation*, Surrey Beatty & Sons, Australia.
- Robinson, D.G., Barraclough, W.E., and Fulton, J.D. (1968). "Data record: number, size composition, weight and food of larval and juvenile fish caught with a two-boat surface trawl in the Strait of Georgia, May 1-4, 1967." *Fisheries Research Board of Canada Bulletin*, 964, pp.1-105.
- Roby, D.D., Turco, K.R., and Anthony, J.A. (1998). "Diet composition, reproductive energetics, and productivity of seabirds damaged by the Exxon Valdez oil spill." *Exxon Valdez Oil Spill Restoration Project Annual Report*, Restoration Project 97163G, U.S.Fish and Wildlife Service, Anchorage, AK.
- Rodin, V.E. (1989). "Population biology of king crab *Paralithodes camtschatica* Tilesius in the North Pacific Ocean." *Alaska Sea Grant Report*, 90-04, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.133-144.
- Roff, D.A. (1986). "The evolution of life history parameters in teleosts." *Canadian Journal of Fisheries and Aquatic Science*, 41, pp.989-1000.
- Rogachev, K.A. (2000). Recent variability in the Pacific western subarctic boundary currents and Sea of Okhotsk. *Progress in Oceanography* 47: 299-336
- Rogers, D.E., Rogers, B.J., and Rosenthal, R.J. (1987). "The nearshore fish." *The Gulf of Alaska: Physical Environment and Biological Resources*, D.W.Hood and S.T.Zimmerman, eds., Alaska Office, Ocean Assessments Division, NOAA, U.S.DOC, and the Alaska OCS Region Office, Minerals Management Service, U.S.Department of the Interior, Washington, DC, pp.399-415.
- Rogers, G.W. (1960). *Alaska in Transition, The Southeast Region*, Johns Hopkins Press, Baltimore, Maryland.
- Rohlf, D.J. (1989). "The Endangered Species Act, A Guide to its Protections and Implementation.", *Stanford Environmental Law Society*, Stanford Law School, Stanford, CA 94305. pp.207.
- Romano, M.D., Roby, D.D., and Piatt, J.F. (1998). "Effects of diet quality on post-natal growth of seabirds: captive feeding trials." *Exxon Valdez Oil Spill Restoration Project Annual Report*, Restoration Project 96163N, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon.
- Ronholt, L.L., Wakabayashi, K., Wilderbuer, T.K., Yamaguchi, H., and Okada, K. (1985). "Results of the cooperative U.S.-Japan groundfish assessment survey in Aleutian Islands water, June-November 1980." Unpublished manuscript, U.S.DOC, NOAA, Northwest and Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115. pp.303.
- Roper, C.F.E, Sweeney, M.J., and Nausen, C.E. (1984). *FAO species catalogue. Vol.3. Cephalopods of the world. An annotated and illustrated catalogue of species of interest to fisheries. Food and Agriculture Administration of the United Nations*, Rome, *FAO Fisheries Synopsis*, 125, 3277 pp.
- Rose, C. (in prep). *An analysis of the Effects of Fishing on Fish Habitats of the Waters off of Alaska. A Draft White Paper prepared for the Essential Fish Habitat Committee of the North Pacific Fisheries Management Council.*
- Rose, C.S. (1999). "Injury rates of red king crab, *Paralithodes camtschaticus*, passing under bottom trawl footropes." *Marine Fisheries Review*.
- Rosel, P.E. (1992). "Genetic population structure and systematic relationships of some small cetaceans inferred from mitochondrial DNA sequence variation," *Ph.D.Dissertation*, University of California, San Diego.

Chapter 3

- Rosel, P.E., Dizon, A.E., and Haygood, M.G. (1995). "Variability of the mitochondrial control region in populations of the harbour porpoise, *Phocoena phocoena*, on inter-oceanic and regional scales." *Canadian Journal of Fisheries and Aquatic Science*, 52, pp.1210-1219.
- Rosen, D.A.S., and Trites, A.W. (1997). "Heat increment of feeding in Steller sea lions, *Eumetopias jubatus*." *Comparative Biochemistry Physiology*, 118A(3), pp.877-881.
- Rosen, D.A.S., and Trites, A.W. (1998). "The metabolic effects of a low-energy prey on Steller sea lions, *Eumetopias jubatus*." University of British Columbia, 2204 Main Mall, Vancouver, BC Canada V6T 1Z4. pp.32.
- Rosenberg, A.A., and Restrepo, V.R. (1996). "Precautionary management reference points and mangement strategies." *Precautionary Approach to Fisheries, Part 2: Scientific papers, Food and Agriculture Organization of the United Nations, Rome*, pp.129-140.
- Roseneau, D.G., Kettle, A.B., and Byrd, G.V. (1998). "Barren Islands seabird studies, 1997." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 97163J, U.S.Fish and Wildlife Service, Alaska Maritime National Wildlife Refuge, Homer, AK.
- Rosenkranz, G.E., Tyler, A.V., Kruse, G.H., and Niebauer, H.J. (1998). "Relationship between wind and year class strength of Tanner crabs in the southeastern Bering Sea." *Alaska Fishery Research Bulletin*, 5, pp.18-24.
- Rosenthal, R.J. (1983). "Shallow water fish assemblages in the northwestern Gulf of Alaska: habitat evaluation, species composition, abundance, spatial distribution and trophic interaction." *Final Reports of Principal Investigators 17 (Biological Studies)*. pp.451-540.
- Rosenthal, R.J., O'Connell, V.M., and Murphy, M.C. (1988). "Feeding ecology of ten species of rockfishes (Scorpaenidae) from the Gulf of Alaska." *California Fish and Game*, 74(1), pp.16-37.
- Ross, J.G.B. (1984). "The smaller cetaceans of the south east coast of Southern Africa." *Annals of the Cape Provincial Museums Natural History*, 15, pp.173-410.
- Rounds, P.M., Broderon, C., and Babcock, M.M. (1989). "Effects of cohort density and habitat on survival and growth of juvenile red king crab (*Paralithodes camtschaticus*)" *Alaska Sea Grant College Program Report*, 90-04, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.
- Royer, T.C. (1975). "Seasonal variations of waters in the northern Gulf of Alaska." *Deep-Sea Research*, 22, pp.403-416.
- Royer, T.C. (1979). On the effect of precipitation and runoff on coastal circulation in the Gulf of Alaska. *J.Phys.Oceano.v.9, n.3, p.555-563*.
- Royer, T.C. (1981). "Baroclinic transport in the Gulf of Alaska. Part II. Fresh water driven coastal current." *Journal of Marine Research*, pp.251-266.
- Royer, T.C. (1981). Baroclinic transport in the Gulf of Alaska. Part II. Fresh water driven coastal current. *Journal of Marine Research*, pp.251-266.
- Royer, T.C. (1983). Observations of the Alaska Coastal Current. In *Coastal Oceanography*, Gade, H., A. Edwards, and H. Svendsen, eds. Plenum Publishing Corp. pp.9-30.
- Royer, T.C. (1989). "Upper ocean temperature variability in the Northeast Pacific Ocean: is it an indicator of global warming?" *Journal of Geophysical Research*, 94, pp.18175-18183.
- Royer, T.C. (1993). "High-latitude oceanic variability associated with the 18.6-year nodal tide." *Journal of Geophysical Research*, 98, pp.4639-4644.
- Royer T.C. (1993). "High-latitude oceanic variability associated with the 18.6-year nodal tide." *Journal of Geophysical Research*, 98, pp.4639-4644.

Chapter 3

- Royer, T.C. (1994). Interdecadal changes in temperature and salinity in the northern North Pacific. *EOS Trans.* 75
- Royer, T.C., and Emery, W.J. (1984). Circulation in the Bering Sea, 1982-1983, based on satellite tracked drifter observations. *Journal of Physical Oceanography*. 14:1, 914-1, 920.
- Royer, T.C., Hansen, D.V., and Pashinski, D.J. (1979). Coastal flow in the northern Gulf of Alaska as observed by dynamic topography and satellite-tracked buoys. *J.Phys.Oceano.* 9:785-801.
- Ruccio, M., Jackson, D., Spalinger, K., Worton, C., and Pittman, L. (2001). Annual Management Report for Commercial Shellfish Fisheries of the Alaska Peninsula Management Area.
- Rugh, D.J., Muto, M.M., Moore, S.E., and DeMaster, D.P. (1999). "Status review of the Eastern North Pacific stock of gray whales." NOAA Technical Memorandum, NMFS-AFSC-103, U.S.DOC. pp.96.
- Rugh, D.J., Sheldon, K.E.W., and Withrow, E.E. (1995). "Spotted seals sightings in Alaska 1992-93." MMPA Assessment Program, Office of Protected Resources, NMFS, NOAA, 1335 East West Highway, Silver Spring, MD 20910.
- Rugh, D., DeMaster, D., Rooney, A., Breiwick, J., Sheldon, K., and Moore, S. (2000). Review of studies on stock density in the bowhead whale (*Balaena mysticetus*). Paper SC/52/SD4 presented to the IWC Science Committee in June 2000. 27 pp.
- Rumohr, H. (1998). Information on impact of trawling on benthos in Kiel Bay. Annex Eighth Report of the Benthos Ecology Working Group. ICES CM 1989/L:19 p.80.
- Rumohr, H., and Krost, P. (1991). "Experimental evidence of damage to benthos by bottom trawling with special reference to *Artica islandica*." *Meeresforschung*, 33, pp.340-345.
- Russell, R.W., Harrison, N.M., and Hunt Jr, G.L. (1999). "Foraging at a front: hydrography, zooplankton, and avian planktivory in the northern Bering Sea." *Marine Ecology Progress Series*, 182, pp.77-93.
- Russell, R.W., and Hunt Jr, G.L. (1992). "Foraging in a fractal environment: spatial patterns in a marine predator-prey system." *Landscape Ecology*, 7, pp.195-209.
- Rutecki, T.L., Sigler, M.F., and Zenger Jr., H.H. (1997). "Data report: NMFS longline surveys, 1991-1997."
- Rutecki, T.L., and Varosi, E.R. (1997). "Migrations of juvenile sablefish (*Anoplopoma fimbria*) in southeast Alaska." NOAA Technical Report, NMFS 130, U.S.DOC, NOAA, Seattle, Washington.
- Saether, B., and Bakke, Ø. (2000). "Avian life history variation and contribution of demographic traits to the population growth rate." *Ecology*, 81(3), pp.642-653.
- Sainsbury, K.J., Campbell, R.A., and Whitelaw, A.W. (1993). "Effects of trawling on the marine habitat on the north west shelf of Australia and implications for sustainable fisheries management." EDITOR Sustainable Fisheries through Sustainable Fish Habitat, Bureau of Resource Sciences Publication. Australian Government Publishing Service, Canberra, Australia, pp.137-145.
- Sainte-Marie, B., Raymond, S., and Brethes, J.C. (1995). Growth and maturation of the benthic stages of male snow crab (*Chionoecetes opilio*) (*Brachyura: Majidae*). *Can.J.Fish.Aquat.Sci.* 52(5):903-924.
- Sainte-Marie, B., Sevigny, J.M., and Gauthier, Y. (1997). "Laboratory behavior of adolescent and adult males of the snow crab (*Chionoecetes opilio*) (*Brachyura: Majidae*) mated noncompetitively and competitively with primiparous females." *Canadian Journal of Fisheries and Aquatic Science*, 54, pp.239-248.
- Salmon, J.E. (1992). "Conservation and Environmental issues affecting the shrimp industry." Shrimp '92. Proceedings of the 3rd Global Conference on the Shrimp Industry, Hong Kong, pp.30-34.

Chapter 3

- Salo, E.O. 1991. Life history of chum salmon (*Oncorhynchus keta*), pp.231-309. In Groot, C. and L. Margolis (eds.), *Pacific Salmon Life Histories*. Univ. B.C. Press, Vancouver, B.C., Canada.
- Samuelson, C.D., and Messick, D.M. (1986). "Alternative Structural Solutions to Resource Dilemmas." *Organizational Behavior and Human Decision Processes*, 37, pp.139-155.
- Sandercock, F.K. (1991). Life history of coho salmon (*Oncorhynchus kisutch*). In C. Groot and L. Margolis (editors), *Pacific salmon life histories*, pp.396-445. Univ. British Columbia Press, Vancouver.
- Sanger, G.A. (1987b). "Winter diets of common murre and marbled murrelets in Kachemak Bay, Alaska." *Condor*, 89, pp.426-430.
- Sanger, G.A., and Ainley, D.G. (1988). "Review of the distribution and feeding ecology of seabirds in the oceanic subarctic North Pacific Ocean." *Bulletin of the Ocean Research Institute, University of Tokyo*, 26, pp.161-186.
- Sangster, G.I., Lehmann, K., and Breen, M. (1996). "Commercial fishing experiments to assess the survival of haddock and whiting after escape from four sizes of diamond mesh cod-ends." *Fisheries Research*, 25, pp.323-345.
- Sarti, M.L., Eckert, S.A., Garcia, N., Barragan, T., and Barragan, A.R. (1996). "Decline of the world's largest nesting assemblage of leatherback turtles." *Marine Turtles Newsletter*, 74, pp.2-5.
- Sasaki, T. (1973). Data on the Japanese blackcod fisheries in the North Pacific --I. Development and history of the Japanese blackcod fisheries through 1972. Unpubl. Rep., 22 pp. Far Seas Fish. Res. Lab., Japan Fish Agency, 7-1, Orido 5 chome, Shimizu 424, Japan.
- Sasaki, T. (1985). "Studies on the sablefish resources in the North Pacific Ocean." *Bulletin* 22, (1-108), Far Seas Fishery Laboratory, Shimizu, 424, Japan.
- Sasaki, T. (1987). "Stock assessment of sablefish in the eastern Bering Sea, Aleutian Islands region, and the Gulf of Alaska in 1987." Unpublished Report, 33 pp. Far Seas Fish. Res. Lab., Japan Fish Agency, 7-1, Orido 5 chome, Shimizu 424, Japan.
- Sasaki, T., and Teshima, K. (1988). "Data report of abundance indices of flatfishes, rockfishes, and shortspine thornyhead and grenadiers based on results from Japan-U.S. joint longline surveys, 1979-1987. Unpubl. manuscr., 5 pp. (Document submitted to the annual meeting of the International North Pacific Fisheries Commission, Tokyo, Japan, October 1988.) Fisheries Agency of Japan, Far Seas Fisheries Research Laboratory, 5-7-1 Orido, Shimizu, Japan 424.
- Saunders, M.W., Leaman, B.M., Haist, V., Hilborn, R., and McFarlane G.A. (1996). "Sablefish stock assessment for 1996 and recommended yield options for 1997." Unpublished report available Department of Fisheries and Oceans, Biological Sciences Branch, Pacific Biological Station, Nanaimo, British Columbia, V9R 5K6.
- Savelieva, N.I., Semiletov, I.P., Vasilevskaya, L.N., and Pugach, S.P. (2000). A climate shift in seasonal values of meteorological and hydrological parameters for Northeastern Asia. *Progress in Oceanography* 47: 279-297
- Savikko, H. (1997). "Alaska 1997 salmon season." ADF&G, Commercial Fish Management and Dev. Division, Juneau, AK 99801.
- Scarff, J.E. (1986). "Historic and present distribution of the right whale (*Eubalaena glacialis*) in the eastern North Pacific south of 50° N and east of 180° W." Report of the International Whaling Commission, Special Issue 10, pp.43-63.
- Schaefer, M.B. (1970). "Men, birds and anchovies in the Peru current -- dynamic interactions." *Transactions of the American Fisheries Society*, 99, American Fisheries Society. pp.461-467.

Chapter 3

- Schamel, D.L. (1974). "The breeding biology of the Pacific eider (*Somateria mollissima* v-nigra Bonaparte) on a barrier island in the Beaufort Sea, Alaska," M.S., University of Alaska Fairbanks, Fairbanks, AK 99775.
- Schlager, E., Blomquist, W., and Tang, S.Y. (1994). "Mobile Flows, Storage and Self-Organized Institutions for Government Common-Pool Resources." *Land Economics*, 70(3), pp.294-317.
- Schneider, D.C., Harrison, N.M., and Hunt Jr., G.L. (1990). "Seabird diet at a front near the Pribilof Islands, Alaska." *Studies in Avian Biology*, 14, pp.61-66.
- Schneider, D., Harrison, N., and Hunt Jr., G.L. (1987). "Variation in attendance at fronts by marine birds in the Bering Sea." *Estuarine, Coastal and Shelf Science*, 25, pp.135-141.
- Schneider, D.C., and Hunt Jr, G.L. (1984). "A comparison of seabird diets and foraging distribution around the Pribilof Islands, Alaska." *Canadian Wildlife Service Publication*, CW66-65/1984, Canadian Wildlife Service. pp.86-95.
- Schneider, D.C., Hunt Jr., G.L., and Harrison, N.M. (1986). "Mass and energy transfer to seabirds in the southeastern Bering Sea." *Continental Shelf Research*, 5, pp.241-257.
- Schneider, D.C., and Shuntov, V.P. (1993). "The trophic organization of the marine bird community in the Bering Sea." *Reviews in Fisheries Science*, 1, pp.311-335.
- Schroeder, R.F., Andersen, D.B., Bosworth, R., Morris, J.M., and Wright, J.M. (1987). *Subsistence in Alaska: Arctic, Interior, Southcentral, Southwest, and Western Regional Summaries*. Technical Paper No.150, ADF&G, Division of Subsistence: Juneau, AK.
- Schumacher, J.D., and Kendall Jr., A.W. (1995). "Fisheries Oceanography: Walleye Pollock in Alaskan Waters." U.S.National Report to IUGG: 1991-1994; *Reviews of Geophysics*, Supplement. pp.1153-1163.
- Schumacher, J.D., Pearson, C.A., and Overland, J.E. (1982). "On exchange of water between the Gulf of Alaska and Bering Sea through Unimak Pass." *Journal of Geophysical Research*, 87, pp.5785-5795.
- Schumacher, J.D., Kinder, T.H., Pashinski, D.J. and Charnell. (1979). A structural front over the continental shelf of the eastern Bering Sea. *Journal of Physical Oceanography*. Vol 9, pp.79-87.
- Schumacher, J.D. (1980). Coastal flow in the northwest Gulf of Alaska: the Kenai Current. *J.Geophys.Res.* v.85, n.C11, pp.6680-6688.
- Schumacher, J.D., and Reed, R.K. (1992). Characteristics of currents over the continental slope of the eastern Bering Sea. *Journal of Geophysical Oceanography*. 97:9423-9433.
- Schumacher, J.D., and P.J.Stabeno. (1998). The continental shelf of the Bering Sea. In *The Sea, Vol XI - The Global Coastal Ocean: Regional Studies and Synthesis*, J.Wiley and Sons, Inc., New York.
- Schumacher, J.D., and R.K.Reed. (1986). On the Alaska Coastal Current in the Western Gulf of Alaska. *J.Geophysical Research*, v.19, n.C8, pp.9655-9661.
- Schumacher, J.D., and Stabeno, P.J. (1998). "The continental shelf of the Bering Sea. Chapter x." *The Sea*, A.R.Robinson and K.H.Brink, eds., John Wiley & Sons.
- Schumacher, J.D., Stabeno, P.J., and Bograd, S.J. (1993) "Characteristics of an eddy over a continental shelf: Shelikof Strait, Alaska." *Journal of Geophysical Research*, 98, pp.8395-8404.
- Schweigert, J., Fort, C., and Tanasichuk, R. Stock Assessment for British Columbia herring in 1997 and forecasts of potential catch in 1998. 1997 Pelagic Working Papers. Pacific Scientific Advice Review Committee.
- Schwing, F.B., Murphree, T., de Witt, L., and Green, P. (2002). The evolution of oceanic and atmospheric anomalies in the Northeast Pacific during the El Niño and La Niña events of 1995–2001. *Progress in Oceanography* 54: 459–491.

Chapter 3

- Schwinghammer, P., Guigne, J.Y., and Wiu, W.C. (1996). "Quantifying the impact of trawling on benthic habitat structure using high resolution acoustics and chaos theory." *Canadian Journal of Fisheries and Aquatic Sciences*, 53, pp.288-296.
- Scott, A. (1979). Development of economic theory on fisheries regulation. *Journal of the Fisheries Research Board of Canada* 36:725-741.
- Scott, A. (1993). "Obstacles to Fisheries Self-government." *Marine Resource Economics*, 8(3), pp.187-200.
- Scott, A. (2000). Introducing property in fishery management. In R. Shotton (ed.), *Use of Property Rights in Fisheries Management*. FAO Fisheries Technical Paper 404/1, Food and Agriculture Organization, Rome.
- Seafood.com.(Undated). Alaskan Retrospective on Seafood's Highs and Lows of 2000. <http://www.seafood.com/archives/0101/sfdpriv/news1/20010102AR02.html>
- Sease, J.L. (1986). "Historical status and population dynamics of the Pacific walrus," M.S. Thesis, University of Alaska, Fairbanks, Fairbanks, AK 99775.
- Sease, J.L., and Loughlin, T.R. (1999). "Aerial and land-based surveys of Steller sea lions (*Eumetopias jubatus*) in Alaska, June and July 1997 and 1998." NOAA Technical Memorandum, NMFS-AFSC-100, U.S.DOC. pp.61.
- Sease, J.L., Strick, J.M., Merrick, R.L., and Lewis, J.P. (1999). "Aerial and land-based surveys of Steller sea lions (*Eumetopias jubatus*) in Alaska, June and July 1996." NOAA Technical Memorandum, NMFS F/NWC-99, U.S.DOC. pp.43.
- Sease, J.L., Taylor, W.P., Loughlin, T.R., and Pitcher, K.W. (2001). "Aerial and land-based surveys of Steller sea lions (*Eumetopias jubatus*) in Alaska, June and July 1999 and 2000." NOAA Technical Memorandum, NMFS-AFSC-122, U.S. DOC. pp.52.
- Sease, J.L., and Gudmundson, C.J. (2002). Aerial and Land-Based Surveys of Steller Sea Lions (*Eumetopias jubatus*) from the Western Stock in Alaska, June and July 2001 and 2002. U.S.DOC, NOAA Technical Memorandum NMFS-AFSC: 131, 45 pp.
- Sease, J.L. (2002). Steller sea lions survey results, June and July, 2002. Memorandum for the record. National Marine Mammal Lab - Alaska Fisheries Science Center and the Southwest Fisheries Science Center. 7 pp.
- Seeb, L.W. (1986). "Biochemical systematics and evolution of the Scorpaenid genus *Sebastes*." Ph.D. Thesis., University of Washington, Seattle, WA. 177 pp.
- Seeb, L.W. (2000). "Molecular markers distinguish light and dark forms of the dusky rockfish (*S. ciliatus*) in the Gulf of Alaska." Presentation at the 11th Western Groundfish Conference, Sitka, Alaska, April 25-28, 2000.
- Seeb, L.W., and Gunderson, D.R. (1988). "Genetic variation and population structure of Pacific ocean perch (*Sebastes alutus*). *Can. J. Fish. Aquat. Sci.* 45:78-88.
- Selznick, P. (1949). *TVA and the Grass Roots*, University of California Press, Berkeley, CA. 258-259 pp.
- Semenov, U.N. (1965). "Quantitative distribution of benthic fauna of the shelf and upper part of the slope in the Gulf of Alaska." *Soviet Fisheries Investigations in the Northeast Pacific, Part IV*, P.A. Moiseev, ed., Israel Program for Scientific Translations, 1968, pp.37-69.
- Sharma, G.D. (1979). *The Alaskan shelf: hydrographic, sedimentary, and geochemical environment*, Springer-Verlag, New York. 498.
- Sharma, G.D., Naidu, A.S., and Hood, D.W. (1972). "Bristol Bay: A model contemporary graded shelf." *American Association of Petroleum Geologists Bulletin*, 56, pp.2000-2012.

Chapter 3

- Shaughnessy, P.D., and Fay, F.H. (1977). "A review of the taxonomy and nomenclature of North Pacific harbour seals." *Journal of Zoology (London)*, 182, pp.385-419.
- Shelden, K.E.W., and Rugh, D.J. (1995). "The bowhead whale (*Balaena mysticetus*): Its historic and current status." *Marine Fisheries Review*, 57(3-4), pp.1-20.
- Sherburne, J. (1993). "Status Report on the Short-tailed Albatross, *Diomedea albatrus*." Alaska Natural Heritage Program, Environment and Natural Resources Institute, University of Alaska Anchorage. pp.58.
- Sherman, K. (1995). "Large marine ecosystems and fisheries." *Defining and Measuring Sustainability: The Biogeophysical Foundations*, M.Munasinghe and W.Shearer, eds., World Bank, Washington, DC, pp.207-234.
- Sherman, K., and Alexander, L.M. (eds.). (1986). *Variability and management of large marine ecosystems*. AAAS Selected Symposium 99. Boulder, Colorado: Westview Press, Inc. 319 pp.
- Shevtsov, V.V. (1964a). "Quantitative distribution and trophic groups of benthos in the Gulf of Alaska." *Soviet Fisheries Investigations in the Northeast Pacific, Part II*, P.A.Moiseev, ed., Israel Program for Scientific Translations, pp.109-114.
- Shevtsov, V.V. (1964b). "Quantitative distribution and trophic groups of benthos in the Gulf of Alaska." *Soviet Fisheries Investigations in the Northeast Pacific, Part III*, P.A.Moiseev, ed., Israel Program for Scientific Translations, pp.150-166.
- Shimada, A.M., and Kimura, D.K. (1994). "Seasonal movements of Pacific cod (*Gadus macrocephalus*) in the eastern Bering Sea and adjacent waters based on tag-recapture data." *Fishery Bulletin*, 92(4), pp.800-816.
- Shotton, R.(ed.). (2001a). *Case Studies on the Allocation of Transferable Quota Rights in Fisheries*. FAO Fisheries Technical Paper 411, Food and Agriculture Organization, Rome.
- Shotton, R.(ed.). (2001b). *Case Studies on the Effects of Transferable Fishing Rights on Fleet Capacity and Concentration of Quota Ownership*. FAO Fisheries Technical Paper 412, Food and Agriculture Organization, Rome.
- Shubnikov, D.A., and Lisovenko, L.A. (1964). "Data on the biology of rock sole in the southeastern Bering Sea." *Tr.Vses.Nauchno-issled. Inst.Morsk.Rybn.Khoz.Okeanogr*. 49 (Izv.Tikookean.Nauchno-issled.Inst.Morsk.Rybn.Khoz.Okeanogr.51): 209-214. (Transl.In Soviet Fisheries Investigations in the Northeast Pacific, Part II, pp.220-226, by Israel Program Sci.Transl., 1968, available Natl.Tech.Inf.Serv., Springfield, VA, as TT 67-51204).
- Shuck, C.J. (2000). "Spatial and temporal differences in growth and productivity of Walleye Pollock in the eastern Bering Sea," M.S., University of Washington, Seattle, WA.
- Shuntov, V.P. (1972). *Seabirds and the biological structure of the ocean*, T.f.R.b.I.A.(NTIS-TT-74-55032), translator, Far-Eastern Publishing House, Vladivostok.
- Shuntov, V.P. (1993). "Biological and physical determinants of marine bird distribution in the Bering Sea." *The status, ecology, and conservation of marine birds of the North Pacific*, K.Vermeer, K.T.Briggs, K.J.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.10-17.
- Shustov, A.P. (1965a). "The food of the ribbon seal in the Bering Sea." *Izv.TINRO*, 59, pp.178-183.
- Shustov, A.P. (1965b). "Distribution of the ribbon seal (*Histiophoca fasciata*) in the Bering Sea." *Marine mammals*, E.H.Pavloskii, B.A.Zenkovich, S.E.Kleinenberg, and K.K.Chapskii, eds., *Izv.Nauka*, pp.118-121.
- Sibley, D.A., 2000. *National Audubon Society; The Sibley guide to the birds*. Alfred A.Knoph, Inc., New York.

Chapter 3

- Siegel-Causey, D., and Litvinenko, N.M. (1993). "Status, ecology, and conservation of shags and cormorants of the temperate North Pacific." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.J.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.122-130.
- Sievert, P.R., and Sileo, L. (1993). "The effects of ingested plastic on growth and survival of albatross chicks." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service, pp.212-217.
- Sigler, M., and Lunsford, C. (2001). Effects of individual quotas on catching efficiency and spawning potential in the Alaska sablefish longline fishery. Canadian Journal of Fisheries and Aquatic Sciences 58(7):1300-1312.
- Sigler M.F., Lunsford, C.R., Fujioka, J.T., and Lowe, S.A. (2002). "Alaska Sablefish Assessment for 2002." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Regions and the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.449, 229.
- Sigler M.F., Lunsford, C.R., Lowe, S.A., and Fujioka, J.T. (2001a). "Alaska Sablefish Assessment for 2002." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions and the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.pp.9-1, 5-1.
- Sigler M.F., Rutecki, T.L., Courtney, D.L., Karinen, J.F., and Yang, M.S. (2001b). "Young-of-the-year sablefish abundance, growth, and diet." Alaska Fisheries Research Bulletin 8(1):57-70.
- Sigler, M., and Zenger, Jr., H. (1994). Relative abundance of Gulf of Alaska sablefish and other groundfish based on the domestic longline survey, 1989. NOAA Tech.Memo NMFS-AFSC-40. 79.
- Sigler, M.F., and Fujioka, J.T. (1988). "Evaluation of variability in sablefish (*Anoplopoma fimbria*) abundance indices in the Gulf of Alaska using the bootstrap method." Fish.Bull.86:445-452.
- Sigler, M.F.and Zenger, H.H. (1989). "Assessment of Gulf of Alaska sablefish and other groundfish based on the domestic longline survey, 1987. NOAA Tech.Memo. NMFS F/NWC-169. 54.
- Sigler, M.F., and Lunsford, C.R. (In review). "Two benefits of IFQ management for the Alaska sablefish longline fishery." U.S.DOC, NOAA, NMFS, Alaska Fisheries Science Center, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, AK 99801.
- Sigler, M.F., Fujioka, J.T., and Lowe, S.A.(1999). "Alaska sablefish assessment for 2000." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Sigler, M.F., and C.R.Lunsford. (2001). Effects of individual quotas on catching efficiency and spawning potential in the Alaska sablefish fishery. Can.J.Fish.Aquat.Sci.58: 1300-1312.
- Sills, D.L. (1957).The Volunteers, The Free Press, Glencoe.
- Simenstad, C.A., Isakson, J.S., and R.E., N. (1977). "Marine fish communities of Amchitka Island, Alaska." The Environment of Amchitka Island, Alaska, M.L.Meritt and R.G.Fuller, eds., U.S.Energy Research and Development Administration, pp.451-492.
- Simenstad, C.A., Miller, B.S., Nyblade, C.F., and Bledsoe, S.J. (1979). "Food web relationships of Northern Puget Sound and the Strait of Juan De Fuca: a synthesis of available knowledge." Interagency Energy/Environment R & D Program Report, EPA-600/7-79-259, National Technical Information Service, Springfield, VA 22161. pp.335.
- Sinclair, E.H. (1988). "Feeding habits of northern fur seals in the eastern Bering Sea," M.S. Oregon State University, Corvallis, Oregon.

Chapter 3

- Sinclair, E.H., Antonelis, G.A., Robson, B.R., Ream, R.R., and Loughlin, T.R. (1997). "Northern fur seal predation on juvenile walleye pollock." NOAA Technical Report, NMFS 126, U.S.DOC, NOAA.
- Sinclair, E.H., Antonelis, G.A., Robson, B.R., Ream, R., and Loughlin, R. (1996). "Northern fur seal, *Callorhinus ursinus*, predation on juvenile pollock, *Theragra chalcogramma*." NOAA Technical Report, NMFS 126, U.S.DOC, NOAA. pp.167-178.
- Sinclair, E.H., Loughlin, T., and Percy, W. (1994). "Prey selection by northern fur seals (*Callorhinus ursinus*) in the eastern Bering Sea." *Fishery Bulletin*, 92(1), pp.144-156.
- Sinclair, E.H. and Zeppelin, T.K. (2002). Seasonal and spatial differences in diet in the western stock of Steller sea lions (*Eumetopias jubatus*). *Journal of Mammology* 83(4).
- Sinclair. (1999). "Distribution and ecology of mesopelagic fishes and cephalopods." Dynamics of the Bering Sea, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775.
- Skira, K.J., Wapstra, J.E., Towney, G., and Naarding, J.A. (1985). "Conservation of the short-tailed shearwater *Puffinus tenuirostris* in Tasmania, Australia." *Biological Conservation*, 37, pp.225-236.
- Smirnov, N.A. (1929). "A review of the Pinnipedia of Europe and northern Asia." *Izvestiya Tikhookeanskogo Nauchno-Issledovatel'skogo Instituta Rybnogo Khozyaistva i Okeanografii*, 9, pp.231-268.
- Smith (1995). As referenced by Witherell, D. and Pautzke, D. 1997. A Brief History of Bycatch Management Measures for Eastern Bering Sea Groundfish Fisheries. NPFMC 605 W. 4th Ave., Ste.306, Anchorage, AK 99501.
- Smith, K.R., and McConnaughey, R.A. (1999). "Surficial sediments of the eastern Bering Sea continental shelf: EBSED database documentation." NOAA Technical Memorandum, NMFS-AFSC-104, U.S.DOC, NMFS Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115-0070. pp.41.
- Smith, M.E. (1982). "Fisheries Management: Intended Results and Unintended Consequences." Modernization and Marine Fisheries Policy, J.R. Maiolo and M.K. Orbach, eds., Ann Arbor Science Publishers, Ann Arbor, Michigan, pp.57-93.
- Smith, T.G. (1981). "Notes on the bearded seal (*Erignathus barbatus*) in the Canadian Arctic." Canadian Technical Report of Fisheries Aquatic Science, 1042. pp.49.
- Sobolevsky, Y.I. (1996). "Species composition and distribution of squids in the western Bering Sea." Alaska Sea Grant College Program Report, 96-01, University of Alaska, Fairbanks, Fairbanks, AK 99775. pp.135-141.
- Sogard, S.M., and Olla, B.L. (1993a). "Effects of light, thermoclines and predator presence on vertical distribution and behavioral interactions of juvenile walleye pollock, *Theragra chalcogramma* Pallas." *Journal of Experimental Marine Biology and Ecology*, 167, pp.179-195.
- Sogard, S.M., and Olla, B.L. (1993b). "The influence of predator presence on utilization of artificial seagrass habitats by juvenile walleye pollock, *Theragra chalcogramma*." *Environmental Biology of Fishes*, 37, pp.57-65.
- Soldal, A.V., Engås, A., and Isaksen, B. (1993). "Survival of gadoids that escape from a demersal trawl." *ICES Marine Science Symposia*, 196, pp.122-127.
- Solovieva, D.V. (1997). "Steller's eider: national report from Russia." *Wetlands International Seaduck Specialist Group Bulletin*, 7, pp.7-12.
- Somerton, D.A., and MacIntosh, R.A. (1983). "The size at sexual maturity of blue king crab (*Paralithodes platypus*) in Alaska." *Fishery Bulletin*, 81, pp.621-628.

Chapter 3

- Somerton, D.A, and R.MacIntosh. (1983). The size at sexual maturity of blue king crab (*Paralithodes platypus*) in Alaska. *Fisheries Bulletin* 81: 621-628.
- Sosebee. (1998). "NE stock assessment for skates."
- Spaans, A.L., and Blokpoel, H. (1991). "Concluding remarks: superabundance in gulls: causes, problems, and solutions." *Proceedings of the International Ornithological Congress*, pp.2396-2398.
- Spaulding, D.J. (1964). "Comparative feeding habits of the fur seal, sea lion, and harbor seal on the British Columbia coast." *Fisheries Research Board of Canada Bulletin*, 146, pp.52.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (1999). "Flathead sole." *Stock Assessment and Fishery Evaluation Document for Groundfish Resources in the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.391-430.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2001a). "Flathead sole." *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.7-1.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2001b). "Other flatfish." *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.8-1.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2002a). "Flathead sole." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.361.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2002b). "Other flatfish." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.437.
- Spencer, P.D., and Ianelli, J.N. (2001). "Pacific ocean perch." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.10-1.
- Spencer, P.D., and Ianelli, J.N. (2002). "Pacific ocean perch." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.515.
- Spencer, P.D., and Reuter, R.F. (2001). "Other red rockfish." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.11-1.
- Spencer, P.D., and Reuter, R.F. (2002). "Other red rockfish." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.559.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2002c). "Alaska Plaice." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. p.409.
- Springer, A.M. (1991a). "Seabird distribution as related to food webs and the environment: examples from the North Pacific Ocean." *Studies of high-latitude seabirds: Behavioral, energetic, and oceanographic aspects of seabird feeding ecology*, W.A.Montevecchi and A.J.Gaston, eds., Canadian Wildlife Service, pp.39-48.
- Springer, A.M. (1991b). "Seabird relationships to food webs and the environment: examples from the North Pacific." *Studies of high-latitude seabirds*, W.A.Montevecchi and A.J.Gaston, eds., Canadian Wildlife Service, pp.39-48.

Chapter 3

- Springer, A.M. (1992). "A review: walleye pollock in the North Pacific - how much difference do they really make?" *Fisheries Oceanography*, 1, pp.80-96.
- Springer, A.M., and Byrd, V.G. (1989). "Seabird dependence on walleye pollock in the southeastern Bering Sea." *Proc.Int.Symp.Biol.Managment Walleye Pollock*, pp.667-677.
- Springer, A.M., and Roseneau, D.G. (1985). "Copepod-based food webs: auklets and oceanography in the Bering Sea." *Marine Ecology Progress Series*, 21, pp.229-237.
- Springer, A.M., Kondratyev, A.Y., Ogi, H., Shibaev, Y.V., and van Vliet, G.B. (1993). "Status, ecology, and conservation of *Synthliboramphus murrelets* and auklets." The status, ecology, and conservation of marine birds of the North Pacific, K.Vermeer, K.T.Briggs, K.H.Morgan, and D.Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group, pp.187-201.
- Springer, A.M., Murphy, E.C., Roseneau, D.G., McRoy, C.P., and Cooper, B.A. (1987). "The paradox of pelagic food webs in the northern Bering Sea -- I.Seabird food habits." *Continental Shelf Research*, 4, pp.895-911.
- Springer, A.M., Piatt, J.F., Shuntov, V.P., Van Vliet, G.B., Vladimirov, V.L., Kuzin, A.E., and Perlov, A.S. (1999). "Marine birds and mammals of the Pacific subarctic gyres." *Progress in Oceanography*, 43, pp.443-487.
- Springer, A.M., Murphy, E.C., Roseneau, D.G., McRoy, C.P., and Cooper, B.A. (1987). "The paradox of pelagic food webs in the northern Bering Sea -- I.Seabird food habits." *Continental Shelf Research*, 4, pp.443-487.
- Springer, A.M., Roseneau, D.F., Murphy, E.C., and Springer, M.A. (1984). "Environmental controls of marine food webs: food habits of seabirds in the eastern Chukchi Sea." *Canadian Journal of Fisheries and Aquatic Science*, 41, pp.1202-1215.
- Springer, A.M., Roseneau, D.G., Lloyd, D.S., McRoy, C.P., and Murphy, E.C. (1986). "Seabird responses to fluctuating prey availability in the eastern Bering Sea." *Marine Ecology Progress Series*, 32, pp.1-12.
- Springer, A.M., Roseneau, D.G., Lloyd, D.S., McRoy, C.P., and Murphy, E.C. (1986). "Seabird responses to fluctuating prey availability in the eastern Bering Sea." *Marine Ecology Progress Series*, 32, pp.1-12.
- Springer, A.M. (1991a) "Seabird distribution as related to food webs and the environment: examples from the North Pacific Ocean." *Studies of high-latitude seabirds. Behavioral, energetic, and oceanographic aspects of seabird feeding ecology*, W.A.Montevecchi and A.J.Gaston, eds., Canadian Wildlife Services, pp.39-48.
- Springer, A.M., Piatt, J.F., and van Vliet, G. (1996). "Seabirds as proxies of marine habitats in the western Aleutian arc." *Fisheries Oceanography*, 5(1), pp.45-55.
- Squires, D., Kirkley, J., and Tisdell, C. (1995). "Individual Transferable Quotas as a Fisheries Management Tool." *Reviews in Fisheries Science*, 3(2), pp.141-169.
- Stabeno, P.J., and Reed, R.K. (1994). "Circulation in the Bering Sea basin by satellite tracked drifters." *Journal of Physical Oceanography*, 24, pp.848-854.
- Stabeno, P.J., and van Meurs, P. (1999). "Evidence of episodic on-shelf flow in the southeastern Bering Sea." *Journal of Geophysical Research*, 104(C12), pp.715-729, 720.
- Stabeno, P.J., Bond, N.A., Kachel, N.B., Salo, S.A., and Schumacher, J.D. (2001). On the temporal variability of the physical environment over the southeastern Bering Sea. *Fisheries Oceanography*, 10:1, pp.81-98.
- Stabeno, P.J., Reed, R.K., and Schumacher, J.D. (1995). "The Alaska Coastal Current: continuity of transport and forcing." *Journal of Geophysical Research*, 100, pp.2477-2485.

Chapter 3

- Stabeno, P.J., Schumacher, J.D., Salo, S.A., Hunt Jr, G.L., and Flint, M. (1999). "Physical environment around the Pribilof Islands." *The Bering Sea: Physical, Chemical and Biological Dynamics*, T.R.Loughlin and K.Ohtani, eds., University of Alaska Sea Grant, Fairbanks, AK.
- Steele, J.H. (1991). "Marine Functional diversity." *BioScience*, 41, pp.4.
- Stehn, R.A., Dau, C.P., Conant, B., and Butler Jr., W.I. (1993). "Decline of Spectacled eiders nesting in western Alaska." *Arctic*, 46(3), pp.264-277.
- Stehn, R.A., Rivera, K.S., Fitzgerald, S., and Wohl, K.D. (2000). "Incidental catch of seabirds by longline fisheries in Alaska." *Proceedings of the Pacific Seabird Group's Bycatch Symposium*.
- Steller, G.W. (1743). *Journal of a Voyage with Bering, 1741-1742*. M.A.Engel and O.W.Frost (transl.), O.W.Frost (ed.).Stanford: Stanford Univ.Press.252 pp.
- Stepanyan, L.S. (1990). *Conspectus of the ornithological fauna of the USSR*, Nauka, Moscow.
- Stevens, B.G., and Haaga, J.A. (1994). "Ocean dumping of seafood processing wastes: comparisons of epibenthic megafauna sampled by submersible in impacted and non-impacted Alaskan bays and estimation of waste decomposition rate." NMFS, Kodiak Laboratory, P.O.Box 1638, Kodiak, AK 99615.
- Stevens, B.G., and Kittaka, J. (1998). "Postlarval settling behavior, substrate preference, and time to metamorphosis for red king crab (*Paralithodes camtschaticus*)." *Marine Ecology Progress Series*(167), pp.197-206.
- Stevens, T., Echeverria, J., Glass, R., Hager, T., and More, T. (1991). Measuring the existence value of wildlife: what do CVM estimates really show? *Land Economics* (67(4):390-400).
- Stewart, B.S. (1984). "Diurnal hauling patterns of harbor seals at San Miguel Island, California." *Journal of Wildlife Management*, 48, pp.1459-1461.
- Stewart, B.S., and DeLong, R.L. (1993). "Seasonal dispersion and habitat use of foraging northern elephant seals." *Symp.Zool.Soc.Lond.*(1993), 66, pp.179-194.
- Stewart, B.S., and DeLong, R.L. (1995). "Double migrations of the northern elephant seal." *Journal of Mammalogy*, 76(1), pp.196-205.
- Stewart, B.S., and Leatherwood, S. (1985). "Minke whale (*Balaenoptera acutorostrata* Lacepede) 1804." *Handbook of marine mammals*, S.H.Ridgway and R.Harrison, eds., Academic Press, New York, NY.
- Stewart, B.S., Yochem, P.K., Huber, H.R., DeLong, R.L., Jameson, R.J., Sydeman, W.J., Allen, S.G., and B.J., L. (1995). "History and present status of the northern elephant seal population." *Elephant seals*, B.J.LeBoeuf and R.M.Laws, eds., U.C.Press, Berkeley, pp.29-48.
- Stirling, I., Kingsley, M., and Calvert, W. (1982). "The distribution and abundance of seals in the eastern Beaufort Sea, 1974-79." *Canadian Wildlife Service Occasional Paper*, 47, pp.1-23.
- Stoker, S. (1981). "Benthic Invertebrate Macrofauna of the Eastern Bering/Chukchi Continental Shelf." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D.W.Hood and J.A.Calder, eds., University of Washington Press, Seattle, WA, pp.1069-1090.
- Stone, A.W. (2002). "Ecological consequences of lost habitat structure for juvenile flatfishes." *Ecosystem Considerations for 2003*. NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.53.
- Stone, R.P., O'Clair, C.E., and Shirley, T.C. (1993). "Aggregating behavior of ovigerous female red king crab (*Paralithodes camtschaticus*) in Auke Bay, Alaska." *Canadian Journal of Fisheries and Aquatic Science*, 50(4), pp.750-758.

Chapter 3

- Straty, R.R. (1987). "Habitat and behavior of juvenile Pacific rockfish (*Sebastes* spp. and *Sebastolobus alascanus*) off southeastern Alaska." NOAA Symposium Series for Undersea Research, 2(2), pp.109-123.
- Strick, J.M., Fritz, L.W., and Lewis, J.P. (1997). "Aerial and ship-based surveys of Steller sea lions (*Eumetopias jubatus*) in Southeast Alaska, the Gulf of Alaska, and Aleutian Islands during June and July 1994." NOAA Technical Memorandum, NMFS F/NWC-71, U.S. DOC, NOAA, NMFS. pp.55.
- Suga, T., A.K. and Hanawa, K. (2000). North Pacific Tropical Water: its climatology and temporal changes associated with the climate regime shift in the 1970s. *Progress in Oceanography* 47: 223-256
- Sugimoto, T., and Tadokoro, K. (1997). "Interannual-interdecadal variations in zooplankton biomass, chlorophyll concentration and physical environment in the subarctic Pacific and Bering Sea." *Fisheries Oceanography*, 6, pp.74-93.
- Sullivan, P.J., and Parma, A.M. (1998). "Population assessments, 1997." International Pacific Halibut Commission Report of Assessment and Research Activities, 1997, International Pacific Halibut Commission, P.O.Box 95009, Seattle, WA 98145. pp.81-107.
- Sundberg, K., and Clausen, D. (1977). "Post-larval king crab (*Paralithodes camtschatica*) distribution and abundance in Kachemak Bay, Lower Cook Inlet, Alaska." *Environmental Studies of Kachemak Bay and Lower Cook Inlet*, L.L.Trasky, L.B.Flagg, and D.C.Burbank, eds., ADF&G, Anchorage, Alaska, pp.1-36.
- Suryan, R.M., Irons, D.B., and Benson, J.E. (1998a). "Foraging ecology of black-leffed kittiwakes in Prince William Sound, Alaska, from radio tracking studies." *Pacific Seabirds*, 25, pp.45.
- Suryan, R.M., Irons, D.B., and Benson, J.E. (1998b). "Kittiwakes as indicators of forage fish availability." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 97163E, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503.
- Suryan, R.M., Irons, D.B., and Benson, J.E. (2000). "Prey switching and variable foraging strategies of black-legged kittiwakes and the effect on reproductive success." *Condor*, 102, pp.373-384.
- Suuronen, P. (1995). "Conservation of young fish by management of trawl selectivity." Academic Disertation, University of Helsinki, Finland.
- Suuronen, P., Erickson, D., and Orrensalo, A. (1996a). "Mortality of herring escaping from pelagic trawl codends." *Fisheries Research*, 25, pp.305-321.
- Suuronen, P., Lehtonen, E., Tschernij, V., and Larsson, P.O. (1996c). "Skin injury and mortality of Baltic cod escaping from trawl codends equipped with exit windows." *Archive of Fishery and Marine Research*, 44(3), pp.165-178.
- Suuronen, P., Perez-comas, J.A., Lehtonen, E., and Tschernij, V. (1996b). "Size-related mortality of herring (*Clupea harengus* L.) escaping through a rigid sorting grid and trawl codend meshes." *ICES Journal of Marine Science*, 53, pp.691-700.
- Suydam, R., Dickson, D.L., Fadely, J.B., and Quakenbush, L.T. (2000). "Population declines of king and common eiders of the Beaufort Sea." *Condor*, 102, pp.219-222.
- Suydam, R.S., and George, J.C. (1992). "Recent sightings of harbour porpoises (*Phocoena phocoena*) near Point Barrow, Alaska." *Canadian Field-Naturalist*, 106(4), pp.489-492.
- Suydam, R., Quakenbush, L., Johnson, M., George, J.C., and Young, J. (1997). "Migration of king and common eiders past Point Barrow, Alaska - spring and summer/fall, 1994." King and common eiders of the Western Canadian Arctic, D.L.Dickson, ed., Canadian Wildlife Service, Ottawa, Ontario, pp.21-28.

Chapter 3

- Swain, U.G., and Calkins, D.G. (1997). "Foraging behavior of juvenile Steller sea lions in the northeastern Gulf of Alaska: Diving and foraging trip duration." Unpublished report, ADF&G, 333 Raspberry Road, Anchorage, AK. pp.91-106.
- Swartz, L.G. (1966). "Sea-cliff birds." Environment of the Cape Thompson Region, Alaska, U.S. Atomic Energy Commission, Oak Ridge, TN, pp.611-678.
- Swartzman, G.L., and Hofman, R.J. (1991). "Uncertainties and research needs regarding the Bering Sea and Antarctic marine ecosystems." National Technical Information Service Publication, PB91-201731.
- Syroechkovski Jr., E.E., and Zockler, C. (1997). "Threatened waterfowl in the lower Yana River, Yakutia, Russia." Threatened Waterfowl Specialist Group, 10, pp.26-29.
- Tabata, T. (1974). Movement and deformation of drift ice as observed with sea ice radar on the north coast of Alaska. In: Hood, D.W., and E.J. Kelley, eds., Oceanography of the Bering Sea, Occ. Pub. No. 2, Inst. Mar. Sci. Univ. Alaska Fairbanks, AK. pp.373-382.
- Takahashi, Y. (1976). Resources of rock sole, flathead sole, Pacific cod, turbot and Pacific herring in the Bering Sea. Far Seas Fisheries Research Laboratory, Shimizu, Japan. Unpubl. Manuscr.
- Tamura, T., Fujise, Y., and Shimazaki, K. (1998). "Diet of minke whales *Balaenoptera acutorostrata* in the northwestern part of the North Pacific in summer, 1994 and 1995." Fisheries Science, 64(1), pp.71-76.
- Tanasichuk, R.W. (1997). "Diet of sablefish, *Anoplopoma fimbria*, from the southwest coast of Vancouver Island." NOAA Technical Report, NMFS 130, U.S. DOC, NOAA, Seattle, Washington.
- Tansley, A. nG. (1935). The use and abuse of vegetational concepts and terms. Ecology 16:284-307.
- Tasker, M.L., and Furness, R.W. (1996). "Estimation of food consumption by seabirds in the North Sea." Seabird/Fish Interactions, with Particular Reference to Seabirds in the North Sea, G.L. Hunt Jr and R.W. Furness, eds., International Council for the Exploration of the Sea, pp.87.
- Taylor, B.L., and Dawson, P.K. (1984). "Seasonal changes in density and behavior of harbor porpoise (*Phocoena phocoena*) affecting census methodology in Glacier Bay National Park, Alaska." Rep. Intl. Whal. Comm., 34. pp.479-483.
- Taylor, B.L., Wade, P.R., DeMaster, D.P., and Barlow, J. (1996). "Models for management of marine mammals." Unpubl. doc. submitted to Int. Whal. Comm., SC/48/SM50. pp.12.
- Templeman, W. (1973). "Distribution and abundance of the Greenland halibut, *Rheinhardtius hippoglossoides* (Walbaum) in the Northwest Atlantic." International Commission Northwest Atlantic Fisheries Research Bulletin, 10, pp.82-98.
- Terres, J.K. (1980). The Audubon Society encyclopedia of North American birds. Alfred A. Knopf, New York, NY.
- The Gallup Organization. (2000). Guest scholar poll review, April 18, 2000. http://www.gallup.com/poll/guest_scholar/gs000418.asp
- Theilacker, G.H., Bailey, K.M., Canino, M.F., and Porter, S.M. (1996). "Variations in larval walleye pollock feeding and condition: a synthesis." Fisheries Oceanography, 5(Suppl.1), pp.112-123.
- Thomas, G.L. (1994). "Economically and ecologically responsible fish waste recycling in Orca Inlet, Prince William Sound, Alaska." Research proposal by Prince William Sound Science Center, P.O. Box 705, Cordova, AK 99574.
- Thompson, G. (1996). "The precautionary principle in North Pacific groundfish management." AFSC quarterly report, July-September 1996, U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115. pp.7.

Chapter 3

- Thompson, G.G., and Dorn, M.W. (1999). "Assessment of the Pacific cod stock in the eastern Bering Sea and Aleutian Islands area." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions, Bering Sea/Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.151-230.
- Thompson, G.G., and Methot, R.D. (1993). "Pacific cod." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands region as projected for 1994, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite, 306, Anchorage, AK 99501.
- Thompson, G.G., and Shimada, A.M. (1990). "Pacific cod." NOAA Technical Memorandum, NMFS F/NWC-178, U.S.DOC, NOAA.pp.44-66.
- Thompson, G.G., and Zenger, H.H. (1994). "Pacific cod." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as projected for 1995, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501.
- Thompson, G.G., Zenger, H.H., and Dorn, M.W. (2001). "Assessment of the Pacific Cod Stock in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.2-1.
- Thompson, G.G., Zenger, H.H., and Dorn, M.W. (2002). "Assessment of the Pacific cod stock in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.89.
- Thompson, G.G., Zenger, H.H., and Dorn, M.W. (1999). "Assessment of the Pacific cod stock in the Gulf of Alaska." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.105-184.
- Thompson, G., and Dorn, M. (1998) "Pacific cod." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutians Islands region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.77.
- Thompson, P.M., Tollit, D.J., Corpe, H.M., Reid, R.J., and Ross, H.M. (In press). "Changes in haematological parameters in relation to prey switching in a wild population of harbour seals." Functional Ecology.
- Thompson, R.J. (1940). "Analysis of stomach contents of whales taken during the years 1937 and 1938 from the North Pacific." Masters Thesis, University of Washington, Seattle, Washington.
- Thomson, G.G., and Dorn, M.W. (2001). "Assessment of the Pacific cod stock in the eastern Bering Sea and Aleutian Islands Region." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.2-1.
- Thomson, G.G., and Dorn, M.W. (2002). "Assessment of the Pacific cod stock in the eastern Bering Sea and Aleutian Islands Region." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.121.

Chapter 3

- Thorsteinson, L.K.ed. (1984). Proceedings of a Synthesis Meeting: The North Aleutian Shelf Environment and Possible Consequences of Offshore and Gas Development. A report for the U.S.Department of the Interior, Minerals Management Service Alaska OCS Office, Anchorage, AK and the U.S.DOC, NOAA, OCS Environmental Assessment Program, Anchorage, AK. NTIS No.PB84-209428. 159 pp.
- Thrush, S.F., Hewitt, J.E., Cummings, V.J., Dayton, P.K., Cryer, M., Turner, S.J., Funnell, G.A., Budd, R.G., Milburn, C.J., and Wilkinson, M.R. (1998). "Disturbance of the marine benthic habitat by commercial fishing: impacts at the scale of the fishery." *Ecological Applications*, 8(3), pp.866-879.
- Tikhomirov, E.A. (1966). "Reproduction of seals of the family Phocidae in the North Pacific." *Zoologicheskii Zhurnal*, 45, pp.275-281.
- Tillman, M. (1975). "Assessment of North Pacific stocks of whales." *Marine Fisheries Review*, 37, pp.1-4.
- Tillman, M.F. (1977). "Estimates of population size for the North Pacific sei whale." Report of the International Whaling Commission, Special Issue 1, pp.98-106.
- Tomilin, A. (1957). "Mammals of the USSR and Adjacent Countries." V.G.Heptner, ed., U.S.DOC, Springfield, CA, Nauk SSSR, Moscow.
- Tomilin, A.G. (1967). "Mammals of the USSR and adjacent countries." *Cetacea*, Israel Program for Scientific Translations, Jerusalem, pp.717.
- Townsend, C.H. (1935). "The distribution of certain whales as shown by logbook records of American whaleships." *Zoologica*, 19(1), pp.1-50.
- Trenberth, K.E., and Hurrell, J.W. (1994). "Decadal atmosphere-ocean variations in the Pacific." *Climate Dynamics*, 9, pp.303-319.
- Trites, A.W. (1992). "Northern fur seals: Why have they declined?" *Aquatic Mammals*, 18(1), pp.3-18.
- Trites, A.W., Livingston, P.A., Vasconcellos, M.C., Mackinson, S., Springer, A.M., and Pauly, D. (1999). "Ecosystem change and the decline of marine mammals in the eastern Bering Sea: testing the ecosystem shift and commercial whaling hypotheses." *Fisheries Centre Research Reports 1999*, Vol.7, University of British Columbia. pp.100.
- Troy, D.M., and Baker, J.J. (1985). "Population studies." Population estimation, productivity, and food habits of nesting seabird at Cape Peirce and the Pribilof Islands, Bering Sea, Alaska, S.R.Johnson, ed., LGL Ecological Research Associates, Inc., Anchorage, AK, pp.34-190.
- Troy, D.M., and Johnson, S.R. (1987). "Marine Birds." Environmental characterization and biological utilization of the North Aleutian Shelf nearshore zone, J.C.Trutt, ed., LGL Ecological Research Associates, Bryan, TX.
- Trumble, R.J. (1973). "Distribution, relative abundance, and general biology of selected underutilized fishery resources of the eastern North Pacific Ocean." Technical Report, 39, NORFISH.pp.178.
- Trumble, R.J., and Geernaert, T. (1999). Preliminary results of seabird observations and bycatch reported by fishermen to IPHC samplers in Alaskan and Canadian ports in 1998.IPHC Report of Assessment and Research Activities 1998, pp.77-86.
- Turcin, B., and Giraud, K. (2001). Contingent valuation willingness to pay with respect to geographically nested samples: Case study of Alaskan Steller sea lion.Western Regional Project Technical Meeting Proceedings.
- Turnock, B.J., and Quinn, T.J. (1991). "The effect of responsive movement on abundance estimation using line transect sampling." *Biometrics*, 47, pp.14.

Chapter 3

- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (1997a). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the 1998 Gulf of Alaska Groundfish Fishery, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501.pp.17.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (1997b). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the 1998 Gulf of Alaska Groundfish Fishery, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501.pp.17.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (1999a). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the 200 of the Gulf of Alaska Groundfish Fishery, Gulf of Alaska Plan Team, ed., NPFMC, 605 West 4th Avenue, Suite 306, Anchorage, AK 99501, pp.225-254.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (2001b). "Gulf of Alaska flatfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.pp.3-1.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (2002b). "Gulf of Alaska Flatfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252.pp.169.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (2002c). "Flathead sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.501.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (1999b). "Flatfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, Gulf of Alaska Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501. pp.185-210.
- Turnock, B.J., Wilderbuer, T.K., Brown, E.S. (2001a). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.4-1.
- Turnock, B.J., Wilderbuer, T.K., Brown, E.S. (2002a). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252. pp.199.
- Tyler, A.V., and Kruse, G.H. (1997). "Modeling workshop on year-class strength of Tanner crab, *Chionoecetes bairdi*." Regional Information Report, 5J79-02, ADF&G, Commercial Fisheries Management and Development Division.
- Tynan, C.T. (1999). "Critical habitat and abundance estimation of right whales in the southeast Bering Sea." Report of the International Whaling Commission. pp.9.
- Tynan, D., and DeMaster, D.P. (1996). "Observations and predictions of Arctic climate change." Unpublished document, pp.11.
- U.S.Department of Agriculture Forest Service. (1997). Final Environmental Impact Statement and Record of Decision, Tongass National Forest Land and Resource Management Plan.Alaska Region, Juneau, AK.
- U.S.Environmental Protection Agency. (1998a). "Total Maximum Daily Load for Settleable Solid Residues in the Waters of Udagak Bay of Beaver Inlet, Alaska." September 30, 1998. Environmental Protection Agency, 1200 Sixth Avenue, Seattle, WA 98101. pp.26.
- U.S.Environmental Protection Agency. (1999). "Conservation of Cumulative Impacts in EPA Review of NEPA Documents.) Office of Federal Activities Internet: <http://es.epa.gov/oeca/ofa/cumula.html>

Chapter 3

- U.S.Geologic Survey (USGS). (2001). Seabirds, marine mammals, and forage fish in Glacier Bay National Park. Accessed from USGS website:
http://www.absc.usgs.gov/research/seabird&foragefish/products/presentations/GBay99web_files/frame.htm
- U.S.GLOBEC. (1996). "Report on climate change and carrying capacity of the North Pacific Ecosystem." U.S.GLOBEC Report, 15, University of California, Berkeley, Berkeley, California. pp.95.
- United Nations Environment Programme. (1997). Jakarta Mandate on Marine and Coastal Diversity Internet: http://www.biodiv.org/jm/JM1_5.html
- United Nations Food and Agricultural Organization (FAO). (1995). Code of Conduct for Responsible Fisheries. Food and Agriculture Organization, Rome, Italy.
- University of Alaska Fairbanks (UAF) Alaska Sea Grant College Program. (1997). "Flatout Facts About Halibut." University of Alaska Fairbanks, PO Box 755040, Fairbanks, AK 99775-5040. Accessed in October 2002 from website: <http://www.iphc.washington.edu/halcom/literatu.htm>.
- Urban, R., Jaramillo, A., Aguayo, A.L., Ladron de Guevara, P., Salinas, M., Alvarez, C.F., Medrano, L.G., Jacobsen, J.K., Balcomb, K.C., Claridge, D.E., Calambokidis, J., Steiger, G.H., Straley, J.M., von Ziegesar, O., Waite, J.M., Mizroch, S.A., Dahlheim, M.E., Darling, J.D., and Baker, C.S. (2000). "Migratory destinations of humpback whales wintering in the Mexican Pacific." *Journal of Cetacean Research and Management*, 2, pp.101-110.
- USFWS. (1989a). "Endangered Species Act. Section 7 Consultation on the Effects of the Groundfish Fisheries Conducted under the Bering Sea and Aleutian Islands and Gulf of Alaska Fishery Management Plans of the NPFMC (Seabirds; Biological Opinion)." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1989b). "Endangered Species Act. Section 7 Consultation on the Effects of the Interim Incidental Take Exemption Program on certain listed species in U.S. waters. Letter from James W. Pulliam (USFWS) to James W. Brennan (NMFS)." U.S. Department of the Interior, Fish and Wildlife Service, 75 Spring Street, W.W. Atlanta, GA 30303. pp.34.
- USFWS. (1992). "Endangered Species Act. Section 7 Consultation on the Effects of the 1992 Groundfish TAC Specifications for the Bering Sea and Aleutian Islands and Gulf of Alaska." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1993a). "Final Rule to List the Spectacled Eider as Threatened." *Federal Register*, 58, pp.27474-27480.
- USFWS. (1993b). "Letter from Gary Wheeler, USFWS, to Steven Pennoyer, NMFS, re. Endangered Species Act Formal Section 7 Consultation on the 1993 Groundfish TAC Specifications." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1994a). "Letter from Ann Rappoport, USFWS, to Steven Pennoyer, NMFS, re. Endangered Species Act Formal Section 7 Consultation for the 1994 Groundfish Total Allowable Catch Specifications." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1994b). "Conservation plan for the sea otter in Alaska. Marine Mammal Management." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503. pp.47.

Chapter 3

- USFWS. (1995a). "Endangered Species Act. Section 7. Reinitiation of Consultation on the Effects of the Groundfish Fisheries Conducted under the Bering Sea and Aleutian Islands and Gulf of Alaska Fishery Management Plans of the NPMC, (Seabirds; amended Biological Opinion from July 3, 1989)." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1995b). "Migratory nongame birds of management concern in the United States: the 1995 list." U.S. Department of the Interior, U.S. Fish and Wildlife Service, Office of Migratory Bird Management, Washington, DC. pp.22.
- USFWS. (1995c). "Stock assessment sea otter (*Enhydra lutris*) Alaska stock." U.S. Department of the Interior, Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503. pp.5.
- USFWS. (1996). "Spectacled eider recovery plan." U.S. Department of the Interior, Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503. pp.157.
- USFWS. (1997a). "Letter from Ann G. Rappoport to Steven Pennoyer on effects of the 1997 Total Allowable Catch Specifications and Environmental Assessment for groundfish fisheries in the Gulf of Alaska and Bering Sea-Aleutian Islands on short-tailed albatrosses." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1997b). "Final rule for threatened status for the Alaska breeding population of the Steller's eider." Federal Register, 62, pp.31748-31757.
- USFWS. (1997c). "Letter from Ann Rappoport to Steven Pennoyer re. Endangered Species Act Formal Section 7 Consultation and Biological Opinion on effects of the 1997 Total Allowable Catch Specifications and Environmental Assessment for groundfish fisheries in the Gulf of Alaska and Bering Sea-Aleutian Islands on short-tailed albatrosses." U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1998a). "Beringian Seabird Colony Catalog - computer database and Colony Status Record archives." U.S. Department of the Interior, U.S. Fish and Wildlife Service, Migratory Bird Management, Anchorage, AK.
- USFWS. (1998b). "Proposed Rule to list the short-tailed albatross as endangered in the United States." Federal Register, 63, pp.58692-58701.
- USFWS. (1998c). "Biological opinion on the effects of the Pacific halibut fishery off Alaska on the short-tailed albatross." pp.31.
- USFWS. (1998d). "Initiation of formal Section 7 consultation for the Pacific halibut fishery and the 26 ft. vessel exemption for the BSAI/GOA groundfish fisheries." Letter from Ann G. Rappoport to Steven Pennoyer., U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1998e). "Endangered Species Act Formal Section 7 Consultation for Pacific halibut fisheries in waters off Alaska." Letter from Ann G. Rappoport to Steven Pennoyer, U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1998f). "Reinitiation of Section 7 Consultation for the C. opilio crab fishery." Letter from Ann G. Rappoport to Steven Pennoyer, U.S. Department of the Interior, Fish and Wildlife Service, 1011 E. Tudor Road, Anchorage, AK 99503.
- USFWS. (1998g). "Letter from Ann Rappoport to Steven Pennoyer extending the 1995/1997 biological opinion (FWS 1995 and FWS 1997) on the 1999 Total Allowable Catch Specifications for hook-and-line groundfish fisheries in the GOA and BSAI on short-tailed albatrosses." U.S. Department of the Interior, Fish and Wildlife Service, 605 W. 4th Avenue, Room G-62, Anchorage, AK 99501.

Chapter 3

- USFWS. (1998h). "Letter from Ann Rappoport to Steven Pennoyer re.Endangered Species Act Formal Section 7 Consultation and Biological Opinion for 1998-1999 Pacific halibut fisheries in waters off Alaska." U.S.Department of the Interior, Fish and Wildlife Service, 605 W. 4th Avenue, Room G-62, Anchorage, AK 99501.
- USFWS. (1999). "Population status and trends of sea ducks in Alaska." Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503. pp.137.
- USFWS. (1999a). "Population status and trends of sea ducks in Alaska." Unpublished report, U.S.Fish and Wildlife Service, Migratory Bird Management, Waterfowl Management Branch, Anchorage, AK. pp.147.
- USFWS. (1999b). "Biological opinion on the effects of the BSAI and GOA 1999-2000 groundfish fisheries on the short-tailed albatross." pp.36.(Same as 1999c re: K.Rivera. She suggests eliminating 1999b and keeping 1999c)
- USFWS. (1999c). "Endangered Species Act Formal Section 7 Consultation for 1999-2000 Hook-and-Line Groundfish Fisheries of the Gulf of Alaska and Bering Sea and Aleutian Islands Area (Short-tailed Albatross)."U.S.Department of the Interior, Fish and Wildlife Service, 1011 E.Tudor Road, Anchorage, AK 99503.pp.36 + Tables and Figures.
- USFWS. (1999d). "USFWS Threatened and Endangered Species, Protecting Spectacled Eiders at Sea." U.S.Department of the Interior, Fish and Wildlife Service, 605 W. 4th Avenue, Room G-62, Anchorage, AK 99501. pp.2.
- USFWS. (1999e). "USFWS Threatened and Endangered Species, Spectacled Eider (*Somateria fischeri*)." Fact Sheet, U.S.Department of the Interior, Fish and Wildlife Service, 605 W. 4th Avenue, Room G-62, Anchorage, AK 99501. pp.2.
- USFWS. (2000a). "Proposed Designation of Critical Habitat for the Spectacled Eider." Federal Register, 65, pp.6114-6131.
- USFWS. (2000b). "Proposed Designation of Critical Habitat for the Steller's Eider." Federal Register, 65, pp.13262-13284.
- USFWS. (2000c). "Final rule extending the endangered status of the short-tailed albatross (*Phoebastria albatrus*) to include the species' range within the United States." Federal Register, 65(July 31, 2000), pp.46643-46654.
- USFWS. (2000d). "Letter from Anthony DeGange, USFWS to Michael Payne, NMFS, commenting on Draft EA on Steller Sea Lions and Pacific Cod Fisheries that was presented at the September 2000 NPFMC meeting." U.S.Department of the Interior, Fish and Wildlife Service, 1211 E.Tudor Road, Anchorage, AK 99503.
- USFWS. (2001x). Final rule designating Critical Habitat area for the Steller's eider.Federal Register, 66 (Feb.2, 2001), pages 8849-8884.
- Uttley, J.D., Walton, P., Monaghan, P., and Austin, G. (1994). "The effects of food abundance on breeding performance and adult time budgets of Guillemots *Uria aalge*." *Ibis*, 136, pp.205-213.
- Vader, W., Barrett, R.T., Erikstad, K.E., and Strann, K.B. (1990). "Differential responses of Common and Thick-billed Murres to crash in the capelin stock in the southern Barents Sea." *Studies in Avian Biology*, 14, pp.176-180.
- Van Amerongen, J. (2002). "Arctic Rose" highlights tragic year.*Alaska Fisherman's Journal*, January, 66.
- Van Dolah, R.F., Wendt, P.H., and Nicholson. (1987). Effects of a research trawl on a hard bottom assemblage of sponges and corals. *Fisheries Research* 5:39-54.

Chapter 3

- Vance, T.C., Schumacher, J.D., Stabeno, P.J., Baier, C.T., Wyllie-Echaverria, T., Tynan, C.T., Brodeur, R.D., Napp, J.M., Coyle, K.O., Decker, M.B., Hunt Jr, G.L., Stockwell, D.A., Whitledge, T.E., Jump, M., and Zeeman, S.I. (1998). "Aquamarine waters recorded for the first time in eastern Bering Sea." EOS, Trans.Amer.Geophys.Union., 79, pp.121, 126.
- Veit, R.R., McGowan, J.A., Ainley, D.G., Wahls, T.R., and Pyle, P. (1997). "Apex marine predator declines ninety percent in association with changing oceanic climate." Global Change Biology, 3, pp.23-28.
- Veit, R.R., Pyle, P., and McGowan, J.A. (1996). "Ocean warming and long-term change in pelagic bird abundance within the California current system." Marine Ecology Progress Series, 139, pp.11-18.
- Veniaminov, I. (1840). Notes on the Islands of the Unalashka District. L.T.Black and R.H.Geoghegan (transl.), R.A.Pierce (ed.). Alaska History, No.27, 1984.Fairbanks: Univ.of Alaska Fairbanks, and Kingston, Ontario: Limestone Press.511 pp.
- Vermeer K., Cullen, L., and Porter, M. (1979) "A provisional explanation of the reproductive failure of Tufted Puffins, *Lunda cirrhata*, on Triangle Islands, British Columbia." Ibis, 121, pp.348-354.
- Vermeer K., Sealy, S.G., and Sanger, G.A. (1987). "Feeding ecology of Alcidae in the eastern North Pacific Ocean." Seabirds: feeding ecology and role in marine ecosystems, J.P.Croxall, ed., Cambridge University Press, New York, pp.189-228.
- Vermeer K., and Westerheim, S.J. (1984). "Fish changes in diets of nestling rhinoceros auklets and their implications." Marine birds: their feeding ecology and commercial fisheries relationship, D.N.Nettleship, G.A.Sanger, and P.F.Springer, eds., Canadian Wildlife Service, pp.96-105.
- Vibe, C. (1950). "The marine mammals and the marine fauna in the Thule District (northwest Greenland) with observations on ice conditions in 1939-41." Medd.Gronl., 150, pp.1-115.
- Vining, I. (1995). "Traditional Knowledge on Ecosystem Changes." Ecosystem Considerations for 1995, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501.pp.61.
- Vining, I. (1998). "Anecdotal information from the fishing fleet, coastal communities, and various agencies." Ecosystem Considerations for 1998, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501. pp.54.
- Vining, I. (1999). "Anecdotal information from 1998." Ecosystem Considerations for 1999, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501. pp.63.
- Volstad, J.H., Richkus, W., Gaurin, S., and Easton, R. (1997). Analytical and statistical review of procedures for collection and analysis of commercial fishery data used for management and assessment of groundfish stocks in the U.S.economic zone off Alaska, Versar, Inc., Columbia, Maryland.172 pp.
- Wade, P.R. (1998). "Calculating limits to the allowable human-caused mortality of cetaceans and pinnipeds." Marine Mammal Science, 14, pp.1-37.
- Wade, P.R. (In Preparation). "Seabird by-catch: to what level should it be reduced?" Draft manuscript, NMFS, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, WA 98115.
- Waite, J.M., Dahlheim, M.E., Hobbs, R.C., Mizroch, S.A., von Zieglesar-Matkin, O., Straley, J.M., Herman, L.M., and Jacobsen, J. (1999). "Evidence of a feeding aggregation of humpback whales (*Megaptera novaeangliae*) around Kodiak Island, Alaska." Marine Mammal Science, 15, pp.210-220.
- Wakabayashi, K. (1989). Studies on the fishery biology of yellowfin sole in the eastern Bering Sea. (In Jpn., Engl.Summ.) Bull.Far Seas Fish.Res.Lab.26:21-152.
- Waldron, K.D., and Vinter, B.M. (1978). "Ichthyoplankton of the eastern Bering Sea." NMFS Processed Report, U.S.DOC, NOAA, NMFS. pp.88.

Chapter 3

- Walker, R., Olnes, C., Sundet, K., Howe, A., and Bingham, A. (2001). Harvest, Catch, and Participation in Alaska Sport Fisheries During 2000. ADF&G, Fishery Data Series, Anchorage, AK.
- Walker, W.A. (1990). "Geographical variation of the parasites *Crassicauda* (Nematoda) and *Phyllobothrium* (Cestoda) in *Phocoenoides dalli* in the northern North Pacific, Bering Sea and Sea of Okhotsk." 42nd Meeting of the Scientific Committee, International Whaling Commission, International Whaling Commission, The Red House, Station Rd, Histon, Cambridge, CB44NP, UK.
- Walker, W.A., Hanson, M.B., Baird, R.W., and Guenther, T.J. (1998). "Food habits of the harbor porpoise, *Phocoena phocoena*, and Dall's porpoise, *Phocoenoides dalli*, in the inland waters of British Columbia and Washington." AFSC Processed Report, 98-10. pp.63-75.
- Walker, W.A., and Jones, L.L. (1993). "Food habits of northern right whale dolphin, Pacific white-sided dolphin and northern fur seal caught in the high seas driftnet fisheries of the North Pacific Ocean, 1990." International North Pacific Fisheries Commission Bulletin, 53, International North Pacific Fisheries Commission. pp.285-296.
- Walker, W.A., and M.B.Hanson. (1999). Biological observations on Stejneger's beaked whale, *Mesoplodon stejnegeri*, from strandings on Adak Island, Alaska. Marine Mammal Science 15:1314-1329.
- Walker, W.A., and Sinclair, E.H. (1990). "Geographic variation of Dall's porpoise, *Phocoenoides dalli*, in the eastern North Pacific, Bering Sea, and southern Fisheries Conservation Zone of the western North Pacific Ocean." 42nd Meeting of the Scientific Subcommittee, International Whaling Commission, pp.22.
- Wall, J., French, R., and Nelson, R.Jr. (1979). "Observations of foreign fishing fleets in the Gulf of Alaska, 1978." Document submitted to annual meeting of the INPFC 1979. Northwest and Alaska Fish.Sci.Center, NMFS NOAA, 2725 Montlake Blvd.E.Seattle, WA 98112.
- Wall, J., French, R., and Nelson, R.Jr. (1980). "Observations of foreign fishing fleets in the Gulf of Alaska, 1979." (Document submitted to annual meeting of the INPFC, Anchorage, AK. Sept.1979.) 78 pp.Northwest and Alaska Fish.Sci.Center, NMFS NOAA, 2725 Montlake Blvd.E.Seattle, WA 98112.
- Wall, J., French, R., and Nelson, R.Jr. (1981). "Observations of foreign fishing fleets in the Gulf of Alaska, 1980." (Document submitted to annual meeting of the INPFC, Vancouver, B.C., Canada. Sept.1981.) Northwest and Alaska Fish.Sci.Center, NMFS NOAA, 2725 Montlake Blvd.E.Seattle, WA 98112.
- Wall, J., French, R., Nelson, R.Jr., and Hennick, D. (1978). "Observations of foreign fishing fleets in the Gulf of Alaska, 1977." Document submitted to annual meeting of the INPFC. Northwest and Alaska Fish.Sci.Center, NMFS NOAA, 2725 Montlake Blvd.E.Seattle, WA 98112.
- Wall, J., Nelson, R.Jr., and Berger, J. (1982). "Observations of foreign fishing fleets in the Gulf of Alaska, 1981." (Document submitted to annual meeting of the INPFC, Tokyo, Japan. 1982.) Northwest and Alaska Fish.Sci.Center, NMFS NOAA, 2725 Montlake Blvd.E.Seattle, WA 98112.
- Walline, P.D. (1983). "Growth of larval and juvenile walleye pollock related to year-class strength," Ph.D.Dissertation, University of Washington, Seattle, Washington.

Chapter 3

- Walsh, J.J., McRoy, C.P., Coachman, L.K., Georing, J.J., Nihoul, J.J., Whitley, T.E., Blackburn, T.H., Parker, P.L., Wirick, C.D., Shuert, P.G., Grebmeier, J.M., Springer, A.M., Tripp, R.D., Hansell, D.A., Djenidi, S., Deleersnijder, E., Henriksen, K., Lund, B.A., Andersen, P., Muller-Karger, F.E., and Dean, K. (1989). "Carbon and nitrogen recycling with the Bering/Chukchi Seas: source regions for organic matter effect on AOU demands of the Arctic Ocean." *Progress in Oceanography*, 22(4), pp.277-359.
- Walters, C. (1998). "Designing management systems that do not depend on accurate stock assessments." *Reinventing fisheries management*, T.J.Pitcher, D.Pauly, and P.Hart, eds., Dordrecht, The Netherlands: Kluwer, pp.279-288.
- Walters, G.E., and Wilderbuer, T.K. (1997). "Flathead sole." *Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998*, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.271-296.
- Walters, G.E., and Wilderbuer, T.K. (In press). "Decreasing length at age in a rapidly expanding population of northern rock sole in the eastern Bering Sea and its effect on management advice." *Proceedings of the Fourth International Flatfish Symposium*.
- Warham, J. (1996). *The behavior, population biology and physiology of the Petrels*, Academic Press, New York.
- Watkins, W.A., Daher, M.A., Reppucci, G.M., George, J.E., Martin, D.L., DiMarzio, N.A., and Gannon, D.P. (2000). "Seasonality and distribution of whale calls in the North Pacific." *Oceanography*, 13(2), pp.62-67.
- Watkins, W.A., Daher, M.A., Reppucci, G.M., George, J.E., Martin, D.L., DiMarzio, N.A., and Gannon, D.P. (2000). *Seasonality and distribution of whale calls in the North Pacific*. *Oceanography*.13(1):62-67.
- Waugh, S.M., Weimerskirch, H., Cherel, Y., Shankar, U., Prince, P.A., and Sagar, P.M. (1999a). "Exploitation of the marine environment by two sympatric albatrosses in the Pacific Southern Ocean." *Marine Ecology Progress Series*, 177, pp.243-254.
- Waugh, S.M., Weimerskirch, H., Moore, P.J., and Sagar, P.M. (1999b). "Population dynamics of black-browed and grey-headed albatrosses *Diomedea melanophrys* and *D.chrysostoma* at Campbell Island, New Zealand, 1942-1996." *Ibis*, 141, pp.216-225.
- Weimerskirch, H. (1998). "Foraging strategies of Indian Ocean albatrosses and their relationships with fisheries." *Albatross: Biology and Conservation*, G.Robertson and R.Gales, eds., Surrey Beatty & Sons, Chipping, Norton, Australia, pp.168-179.
- Weimerskirch, H., Bartle, J.A., Jouventin, P., and Stahl, J.C. (1988). "Foraging ranges and partitioning of feeding zones in three species of southern albatrosses." *Condor*, 90, pp.214-219.
- Weimerskirch, H., and Cherel, Y. (1998). "Feeding ecology of short-tailed shearwaters: breeding in Tasmania and foraging in the Antarctic?" *Marine Ecology Progress Series*, 167, pp.261-274.
- Weimerskirch, H., Jouventin, P., and Stahl, J.C. (1985). "Comparative ecology of the six albatross species breeding on the Crozet Islands." *Ibis*, 128, pp.195-213.
- Weimerskirch, H., Prince, P.A., and Zimmermann, L. (2000). "Chick provisioning by the yellow-nosed albatross *Diomedea chlororhynchus*: response of foraging effort to experimentally increased costs and demands." *Ibis*, 142, pp.103-110.
- Weimerskirch, H., and Sagar, P.M. (1996). "Diving depths of Sooty Shearwaters *Puffinus griseus*." *International Journal of the British Ornithologists Union*, 138, pp.786-788.
- Weinberg, K. (In Review). *Estimation of escapement under bottom trawls from camera observations*. *Fish Bulletin*.

Chapter 3

- Welden, C.W., and Slauson, W.L. (1986). "The intensity of competition versus its importance: An overlooked distinction and some implications." *Quarterly Review of Biology*, 61, pp.23-44.
- Wentworth, C. (1998). "Subsistence waterfowl harvest survey Yukon-Kuskokwim Delta comprehensive report 1987-1997." U.S.Department of the Interior, Migratory Bird Management, Anchorage, AK.
- Wentworth, C., and Wong, D. (1999). "Migratory bird subsistence harvests, Yukon-Kuskokwim Delta and Bristol Bay, 1995-1998." Unpublished report, U.S.Department of the Interior, Migratory Bird Management, Anchorage, AK.
- Wertheimer, A., and Swanson, D. (2000). The use of individual fishing quotas in the U.S.EEZ. In R.Shotton (ed.), *Use of Property Rights in Fisheries Management*. FAO Fisheries Technical Paper 404/2, Food and Agriculture Organization, Rome.
- Wertheimer, A.C. (1997). "The status of Alaska salmon." *Pacific salmon and their ecosystems; status and future options*. Symposium Proceedings, Seattle, Washington, pp.179-197.
- Wespestad, V.G. (1987). "Population dynamics of Pacific herring (*Clupea palasii*), capelin (*Mallotus villosus*), and other coastal pelagic fishes in the eastern Bering Sea." *Proceedings of a Conference*, November 1986, Anchorage, AK, pp.55-60.
- Wespestad, V.G. (1993). "The status of Bering Sea pollock and the effect of the "Donut Hole" fishery." *Fisheries*, 18(3), pp.18-25.
- Wespestad, V.G., and Terry, J.M. (1984). "Biological and economic yields for eastern Bering Sea walleye pollock under differing fishing regimes." *North American Journal of Fisheries Management*, 4, pp.204-215.
- Wespestad, V., and Dawson, P. (1992). "Walleye pollock." *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions as projected for 1993*, Bering Sea/Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501. pp.1-1 to 1-32.
- Westepad, V.G., Ianelli, J., Fritz, L., Honkalehto, T., and Walters, G. (1996). *Bering Sea-Aleutian Islands Walleye Pollock Assessment for 1997*. In: *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. North Pac.Fish.Mgmt.Council, Anchorage, AK, Section 1:1-73.
- Western Pacific Regional Fishery Management Council. (1997). "1996 Annual Report." Prepared by the Pelagics Plan Team and Council staff, 1164 Bishop Street, Suite 1400, Honolulu, HI 96813.
- Westrheim, S.J. (1996). "On the Pacific cod (*Gadus macrocephalus*) in British Columbia waters, and a comparison with Pacific cod elsewhere, and Atlantic cod (*G.morhua*)." *Canadian Technical Report of Fisheries and Aquatic Sciences*, 2092, pp.390.
- Whitledge, T.E., Reeburgh, W.S., and Walsh, J.J. (1986). "Seasonal inorganic nitrogen distributions and dynamics in the southeastern Bering Sea." *Continental Shelf Research*, 5, pp.109-132.
- Wiens, J.A. (1995). "Recovery of seabirds folling the Exxon Valdez oil spill: an overview." *Exxon Valdez Oil Spill: Fate and effects in Alaskan waters*, P.G.Wells, J.N.Buttler, and J.S.Hughs, eds., ASTM, Philadelphia, Pennsylvania.
- Wiens, J.A., and Scott, J.M. (1975). "Model estimation of energy flow in Oregon coastal seabird populations." *Condor*, 77, pp.439-452.
- Wildebuer, T.K., and Sample, T.M. (2001). "Arrowtooth Flounder." *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region*, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.5-1.

Chapter 3

- Wildebuer, T.K., and Sample, T.M. (2002). "Arrowtooth Flounder." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.283.
- Wildebuer, T.K., and Walters, G.E. (2001). "Rock sole." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Regions, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.6-1.
- Wildebuer, T.K., and Walters, G.E. (2002). "Rock sole." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Regions, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.321.
- Wilderbuer, T.K. (1997). "Yellowfin sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.160-187.
- Wilderbuer, T.K. and Nichol, D. (2001). "Yellowfin Sole." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Regions, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.3-1.
- Wilderbuer, T.K. and Nichol, D. (2002). "Yellowfin Sole." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Regions, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp.207.
- Wilderbuer, T.K., and Nichol, D.G. (1999). "Yellowfin sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.231-278.
- Wilderbuer, T.K., and Sample, T.M. (1997). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.220-244.
- Wilderbuer, T.K., and Sample, T.M. (1999). "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.315-348.
- Wilderbuer, T.K., and Walters, G.E. (1992). "Rock sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1993, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501.
- Wilderbuer, T.K., and Walters, G.E. (1992). "Rock sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1993, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501.
- Wilderbuer, T.K., and Walters, G.E. (1997). "Rock sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501, pp.246-271.

Chapter 3

- Wilderbuer, T.K., and Walters, G.E. (1999). "Rock sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501. pp.279-314.
- Wilderbuer, T.K., Walters, G.E., and Bakkala, R.G. (1992). "Yellowfin sole (*Pleuronectes asper*) of the eastern Bering Sea: Biological Characteristics History of Exploitation, and Management." *Marine Fisheries Review*, 54(4), pp.1-18.
- Wilderbuer, T., Hollowed, A., Ingraham, J., Spencer, P., Conner, L., Bond, N., and Walters, G. (In press). "Flatfish recruitment response to decadal climate variability and ocean conditions in the eastern Bering Sea." *Progress in Oceanography*.
- Williams, G.D. (1994). "Effects of Habitat Modification on Distribution and Diets of Intertidal Fishes in Grays Harbor Estuary," MS Thesis, University of Washington, Seattle.
- Wilson, M.T. (1997). "Walleye pollock (*Theragra chalcogramma*) in the western Gulf of Alaska: The importance of nursery areas." Alaska Sea Grant College Program Report, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.435-440.
- Winans, G.A., and Jones, L.L. (1988). "Electrophoretic variability in Dall's porpoise (*Phocoenoides dalli*) in the North Pacific Ocean and Bering Sea." *Journal of Mammalogy*, 69(1), pp.14-21.
- Wing, B.L. (1985). "Salmon stomach contents from the Alaska Troll Logbook Program, 1977-84." NOAA Tech.Memo. NMFS F/NWC-91. 41 pp.
- Winship, A.J., and Trites, A.W. (2002). Prey consumption of Steller sea lion off Alaska: How much prey do they require? *Fishery Bulletin* 101:147-163.
- Witherell, D. (1995). "Management of flatfish fisheries in the North Pacific." Alaska Sea Grant College Program Report, AK-SG-95-04, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.573-589.
- Witherell, D., Ackley, D., and Coon, C. (2002). An Overview of Salmon Bycatch in Alaska Groundfish Fisheries. *Alaska Fishery Research Bulletin* 9(1):XX.
- Witherell, D., and Harrington, G. (1996). "Evaluation of Alternative Management Measures to Reduce the Impacts of Trawling and Dredging on Bering Sea Crab Stocks" in *High Latitude Crabs: Biology, Management, and Economics*." Alaska Sea Grant Report, AK-SG-96-02, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, AK 99775. pp.41-58.
- Witherell, D., and Pautzke, C. (1997). "A brief history of bycatch management measures for eastern Bering Sea groundfish fisheries." *Marine Fisheries Review*, 59(4), pp.15-22.
- Witherell, D., Pautzke, C., and Fluharty, D. (2000). "An ecosystem-based approach for Alaska Groundfish Fisheries." *ICES Journal of Marine Science*, In press.
- Withrow, D.E., and Cesarone, J.C. (1998). "Abundance and distribution of harbor seals (*Phoca vitulina* Richards) for northern southeast Alaska from Kayak Island to Frederick Sound in 1997." *Marine Mammal Protection Act and Endangered Species Act implementation program, 1997*, P.S.Hill, B.Jones, and D.P.DeMaster, eds., NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.
- Withrow, D.E., and Cesarone, J.C. (1999). "An estimate of proportion on harbor seals missed during aerial surveys over glacial ice in Alaska." *Marine Mammal Protection Act and Endangered Species Act implementation program, 1998*, A.L.Lopez and D.P.DeMaster, eds., NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.

Chapter 3

- Withrow, D.E., and Loughlin, T.R. (1996). "Abundance and distribution of harbor seals (*Phoca vitulina richardsi*) along the north side of the Alaska Peninsula and Bristol Bay during 1995.", MMPA Assessment Program, Office of Protected Resources, NMFS, NOAA, 1335 East West Highway, Silver Spring, MD 20910.
- Woelke, C.E. (1974). "Untitled statement in, Limited Entry into the Commercial Fisheries, Proceedings of a conference held at the University of Washington, September 12, 13, 1974.", pp.17-20.
- Wohl, K.D., Gould, P.J., and Fitzgerald, S.M. (1995). "Incidental mortality of seabirds in selected commercial fisheries in Alaska." Unpublished report, U.S.Department of the Interior, Fish and Wildlife Service, Migratory Bird Management, Anchorage, Alaska.
- Wolfe, R. (2000). Subsistence in Alaska: A Year 2000 Update.ADF&G, Division of Subsistence, Juneau, Alaska.
- Wolfe, R., and Walker, R. (1987). Subsistence economies in Alaska: Productivity, geography and development impacts.Arctic Anthropology 24(2):56-81.
- Wolotira Jr., R.J., Sample, T.M., Noel, S.F., and Iten, C.R. (1993). "Geographic and bathymetric distributions for many commercially important fishes and shellfishes off the west coast of North America, based on research survey and commercial catch data, 1912-1984." NOAA Technical Memorandum, NMFS-AFSC-6, U.S.DOC, NOAA.pp.184.
- Woodby, D.A. (1984). "The April distribution of murre and prey patches in the southeastern Bering Sea." Limnology and Oceanography, 29(181-188).
- Woodby, D.A., and Divoky, G.J. (1982). "Spring migration of eiders and other waterbirds at Point Barrow, Alaska." Arctic, 35, pp.403-410.
- Woodley, C. (2002). Quota-based fishery management regimes.In J.Lincoln, D.Hudson, G.Conway, and R.Pescatore (eds.), Proceedings of the International Fishing Industry Safety and Health Conference, DHHS (NIOSH) Publication No.2003-102, National Institute for Occupational Safety and Health, Cincinnati, Ohio.
- Wooster, W.S. (1993). "Is it food? An overview.in Is it food?: addressing marine mammal and seabird declines; workshop summary." Alaska Sea Grant Report, 93-01, University of Alaska Fairbanks, Fairbanks, AK 99775.
- Wooster, W.S., and Hollowed, A.B. (1995). Decadal-scale variations in the eastern subarctic Pacific.I. Winter ocean conditions.In R.J.Beamish (editor), Climate change and northern fish populations, pp.81-85.Can.Spec.Pub.Fish.Aquat.Sci. 121.
- World Wildlife Fund and Beringia Conservation Program. (Undated).The Bering Sea Ecoregion.World Wildlife Fund and Beringia Conservation Program, Anchorage, AK.
- Wyllie-Echeverria, T. (1995). "Sea-ice conditions and the distribution of walleye pollock (*Theragra chalcogramma*) on the Bering and Chukchi Sea shelf." Canadian Special Publication of Fisheries and Aquatic Sciences, 121, pp.131-136.
- Wynne, K., Hicks, D., and Munro, N. (1991). "1990 salmon gillnet fisheries observer programs in Prince William Sound and South Unimak, Alaska." Final Report, Saltwater, Inc., Anchorage, AK.
- Wynne, K.M., Hicks, D., and Munro, N. (1992). 1991 Marine mammal observer program for the salmon driftnet fishery of Prince William Sound Alaska.Annual Rept.NMFS/NOAA Contract 50ABNF000036.53 pp.NMFS, Alaska Region, Office of Marine Mammals, P.O.Box 21668, Juneau, AK 99802.
- Yablokov, A.V. (1994). "Validity of whaling data.Nature 367:108.
- Yang, M.S. (1993). Food habits of the commercially important groundfishes in the Gulf of Alaska in 1990." NOAA Technical Memorandum, NMFS-AFSC-22, U.S.DOC, NOAA.pp.150.

Chapter 3

- Yang, M.S. (1996). "Diets of the important groundfishes in the Aleutian Islands in summer 1991." NOAA Technical Memorandum, NMFS-AFSC-60, U.S.DOC, NOAA.pp.105.
- Yang, M.S., and Nelson, M.W. (2000). "Food habits of the commercially important groundfishes in the Gulf of Alaska in 1990, 1993, and 1996." NOAA Technical Memorandum, NMFS-AFSC-112, U.S.DOC.pp.174.
- Yang, M.S. (1999). The trophic role of Atka mackerel (*Pleurogrammus monopterygius*) in the Aleutian Islands area. Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115-0070
- Yang, M.S., and Page, B.N. (1999). "Diet of Pacific sleeper shark (*Somniosus pacificus*) in the Gulf of Alaska." Fishery Bulletin, 97, pp.406-409.
- Yano, K., and Dahlheim, M.E. (1995). "Killer whale, *Orcinus orca*, depredation on longline catches of bottomfish in the southeastern Bering Sea and adjacent waters." Fishery Bulletin, 93(2), pp.355-372.
- Yasuda, I., Tozuka, T., Noto, M., and Kouketsu, S. (2000). Heat balance and regime shifts of the mixed layer in the Kuroshio Extension. Progress in Oceanography 47: 257-278
- Yodzis, P. (1978). Competition for space and the structure of ecological communities, Springer-Verlag, New York.191 pp.
- Yodzis, P. (1994). "Predator-prey theory in management of multispecies fisheries." Ecological Applications, 4, pp.51-58.
- Yodzis, P. (1996). "Food webs and perturbation experiments: theory and practice." Food webs: integration of patterns and dynamics, G.A.Polis and K.O.Winemiller, eds., Chapman and Hall, New York, NY, pp.192-200.
- York, A.E., and Hartley, J.R. (1981). Pup production following harvest of female northern fur seals.Can.J.Fisheries and Aquatic Sciences 38(1):84-90.
- York, A.E., Merrick, R.L., and Loughlin, T.R. (1996). "An analysis of the Steller sea lion metapopulation in Alaska." Metapopulations and wildlife conservation, D.R.McCullough, ed., Island Press, Covelo, California, pp.259-292.
- Young, N.M., Iudicello, S., Evans, K., and Baur, D. (1993). "The incidental capture of marine mammals in U.S.fisheries." Center for Marine Conservation, Washington, DC.pp.413.
- Zeiner, S.J., and Wolf, P. (1993). "Growth characteristics and estimates of age at maturity of two species of skates (*Raja binoculata* and *Raja rhina*) from Monterey Bay, California." Conservation biology of elasmobranchs, S.Branstetter, ed., pp.39-52.
- Zento-Savin, T., Castellini, M.A., Rea, L., and Fadely, B.S. (1997). "Plasma haptoglobin levels in threatened Alaska pinniped populations." Journal of Wildlife Diseases, 33(1), pp.64-71.
- Zhang, C.I. (1987). "Biology and Population Dynamics of Alaska plaice, *Pleuronectes quadriculatus*, in the eastern Bering Sea," Ph.D., University of Washington, 3707 Brooklyn Avenue, Seattle, WA 98195.
- Zhang, C.I., Lee, J.B., Kim, S.and Jai-Ho Oh. (2000). Climatic regime shifts and their impacts on marine ecosystem and fisheries resources in Korean waters. Progress in Oceanography 47: 171-190
- Zhang, C.I. (1988). "Food habits and ecological interactions of Alaska plaice, *Pleuronectes quadrimaculatus*, with other flatfish species in the eastern Bering Sea. Bull.Kor.Fish.Soc.21(2): 150-160.
- Zhang, C.I., Wilderbuer, T.K., and Walters, G.E. (1998). Biological characteristics and fishery assessment of Alaska plaice, *Pleuronectes quadrituberculatus*, in the eastern Bering Sea. Marine Fisheries Review 60(4), 16-27.

Chapter 3

- Zheng, J., and Kruse, G.H. (1998). "Stock-recruitment relationships for Bristol Bay Tanner crab." Alaska Fishery Research Bulletin, 5, pp.116-130.
- Zheng, J., Kruse, G.H., and Murphy, M.C. (1997). "Status of king crab stocks in the eastern Bering Sea in 1997." Regional Information Report, 5J97-13, ADF&G, P.O.Box 25526, Juneau, AK 99802.pp.20.
- Zheng, J., Kruse, G.H., and Murphy, M.C. (1998a). "A Length-based approach to estimate population abundance of Tanner crab, *Chionoecetes bairdi*, in Bristol Bay, Alaska" in Proceedings of the North Pacific Symposium on Invertebrate Stock Assessment and Management." Canadian Special Publication of Fisheries and Aquatic Sciences, 125, pp.97-105.
- Zheng, J., Murphy, M.C., and Kruse, G.H. (1995b). "A length-based population model and stock recruitment relationship for red king crab, (*Paralithodes camtschaticus*) in Bristol Bay, Alaska." Canadian Journal of Fisheries and Aquatic Science, 52, pp.1229-1246.
- Zhou, S., and Shirley, T.C. (1997a). "Performance of two red king crab pot designs." Canadian Special Publication of Fisheries and Aquatic Sciences, 54, pp.1858-1864.
- Zhou, S., and Shirley, T.C. (1997b). "Behavioral responses of red king crab to crab pots." Fisheries Research, 30, pp.177-189.
- Zimmermann, M. (1997). "Maturity and fecundity of arrowtooth flounder, *Atheresthes stomias*, from the Gulf of Alaska." Fishery Bulletin, 95(3), pp.598-611.
- Zimmerman, M., and Goddard, P. (1996). "Biology and distribution of arrowtooth flounder, *Atheresthes stomias*, and Kamchatka flounders (*A. evermanni*) in Alaskan waters." Fish.Bull., U.S.
- Zimmerman, S.T. (1994). "Northern fur seal." ADF&G Wildlife Notebook Series.
- Zimushko, V.V., and Lenskaya, S.A. (1970). O pitanii serogo kita (*Eschrichtius gibbosus* Erx.) Na mestakj nagula (Feeding of the gray whale (*Eschrichtius robustus* Erx.) at foraging grounds) (In Russian), D.P.P.C.Consult.Bur., New York, 1971, pp.205-212, translator, Ekologiya, Akad.Nauk SSSR.26-35 pp.
- Zolotov, O.G. (1993). "Notes on the reproductive biology of *Pleurogrammus monopterygius* in Kamchatkan waters." Journal of Ichthyology, 33(4), pp.25-37

Chapter 4

- ADF&G. (2001). Alaska Subsistence Fisheries. 1999 Annual Report. Division of Subsistence. 154 pp.
Internet: <http://www.state.ak.us/adfg/subsist/download/asf1999.pdf>
- ADF&G. (2002). Atlantic salmon: a white paper. Office of the Commissioner, Juneau, AK. 12 pp.
- ADF&G. (2003a). Overview of Alaska's herring fisheries. Division of Commercial Fisheries. 4 pp.
Internet: <http://www.cf.adfg.state.ak.us/geninfo/finfish/herring/overview/overview.htm>
- ADF&G. (2003b). Alaska Groundfish Fisheries. Division of Commercial Fisheries. Internet:
<http://www.cf.adfg.state.ak.us/geninfo/finfish/grndfish/grndhome.htm>
- ADF&G. (2003c). 2002 Alaska Commercial Salmon Harvests—Exvessel Values. Division of Commercial Fisheries. Internet:
<http://www.cf.adfg.state.ak.us/geninfo/finfish/salmon/CATCHVAL/BLUSHEET/02exvesl.htm>
- Aydin, K.Y., Lapko, V.V., Radchenko, V.I., and Livingston, P.A. (2002). A comparison of the eastern Bering and western Bering Sea shelf and slope ecosystems through the use of mass-balance food web models. NOAA Technical Memorandum NMFS-AFSC-130. U.S. DOC, NOAA, NMFS, Alaska Fisheries Science Center. Seattle, WA. 78 pp.
- Brennan, E.L., Bue, F., and Menard, J. (2002). ADF&G Division of Commercial Fisheries. Annual Management Report 2001 Norton Sound-Port Clarence-Kotzebue. ADF&G Regional Information Report 3A02-02. 333 Raspberry Rd., Anchorage, AK. 99518.
- Brodeur, R.D., and Busby, M.S. (1998). Occurrence of an Atlantic salmon *Salmo salar* in the Bering Sea. Alaska Fishery Res. Bull. 5(1):64-66.
- Burkey, C., Coffing, M., Menard, J., Molyneaux, D., Salomone, P., and Utermohle, C. (2001). ADF&G Division of Commercial Fisheries Annual Management Report for the Commercial Fisheries of the Kuskokwim Area 2000. ADF&G Regional Information Report No. 3A01-34. 333 Raspberry Rd., Anchorage, AK 99518.
- Clark, W.G., and Hare, S.R. (2003). A conditional constant catch policy for managing the Pacific halibut fishery. International Pacific Halibut Commission. 13 pp. Internet:
<http://www.iphc.washington.edu/halcom/research/sa/papers/jharvest.post.pdf>
- Clark, W.G. (1993). The effects of recruitment variability on the choice of a target level of spawning biomass pre recruit. In Proceedings of the International Symposium on Management Strategies for Exploited Fish Populations, pp 233-246. Ed by G. Kruse, D. M Eggers, R. J. Marasco, C. Pautzke, and T. Quinn II. Alaska Sea Grant College Program, Fairbanks, AK 825 pp.
- Clausen, D.M., and Heifetz, J. (In preparation). The Northern Rockfish, *Sebastes polypsinis*, in Alaska: Commercial Fishery and Biology.
- Clausen, D.M., Lunsford, C.R., and Fujioka, J.T. (2002). "Pelagic Shelf Rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 383 pp.
- Collie, J.S., Hermesen, J.M., Valentine, P.C., and Almeida, F. (2002). Effects of Fishing on Benthic Habitats: Assessment and Recovery of Megafauna on Georges Bank. Presented at Symposium on the Effects of Fishing Activities on Benthic Habitats. Nov. 12-14, 2002. Tampa, FL.
- Collie, J.S., Hermesen, J., Valentine, P., and Almeida, F. In review. Effects of fishing on gravel habitats: assessment and recovery of benthic megafauna on Georges Bank. American Fisheries Society.
- Costanza, R. (1987). Social traps and environmental policy. *Biosciences* 37:407-412.
- Dorn, M.W. (2002). Advice on West Coast rockfish harvest rates from Bayesian meta-analysis of stock-recruitment relationships. *Canadian Journal of Fisheries Management*. 22:280-300.
- Dovers, S.R., and Handmer, J.W. (1995). Ignorance, the precautionary principle, and sustainability. *Royal Swedish Academy of Sciences, Ambio* 24 (2):92-97.

Chapter 4

- Duplisea, D. E., Jennings, S., Karema, K.J., and Dinmore, T.A. (2002). A size-based model of the impacts of bottom trawling on benthic community structure. *Can. J. Fish. Aquat. Sci.* 59: 1785-1795.
- Ecosystem Principles Advisory Panel. (1999). Ecosystem-based Fishery Management. A Report to Congress by the Ecosystem Principles Advisory Panel. NMFS. 54 pp.
- Eschmeyer, W. N., Herald, E.S., Hammann, H., and Smith, K.P. (1984). A field guide to Pacific coast fishes of North America from the Gulf of Alaska to Baja California, Houghton-Mifflin, Boston. 336 pp.
- Fay, V. (2002). Alaska Aquatic Nuisance Species Management Plan. ADF&G, Division of Commercial Fisheries. Juneau, AK. 103 pp.
- Food and Agriculture Organization. (1995). Code of Conduct for Responsible Fisheries. Food and Agriculture Organization of the United Nations, Rome.
- Fritz, L.W., Greig, A., and Reuter, R.F. (1998). "Catch-per-unit-effort, length, and depth distributions of major groundfish and bycatch species in the Bering Sea, Aleutian Islands, and Gulf of Alaska regions based on groundfish fishery observer data." U.S. DOC, NOAA Tech Memo, NMFS-AFSC-88. 179 pp.
- Fujioka, Jeff. (2002). A Model for Evaluating Fishery Impacts on Habitat. Draft Paper, April 28, 2002. NMFS, AFSC, Auk Bay Laboratory. Juneau, AK.
- Garcia, S.M. (1996). The precautionary approach to fisheries and its implications for fishery research, technology and management: an updated review. In *Precautionary Approach to Fisheries, Part 2: Scientific Papers*, pp. 1-76. FAO Fisheries Technical Paper. No. 350, Part 2. Rome, FAO. 210 pp.
- Gharrett, A.J., Gray, A.K., Lyons, S., Clausen, D., and Heifetz, J. (2003). Preliminary study of population structure in Alaskan northern rockfish, *Sebastes polyspinis*, based on microsatellite and mtDNA variation. In A.J. Gharrett (ed.) *Population structure of rougheye, shortraker, and northern rockfish based on analysis of mitochondrial DNA variation and microsatellites: Completion Report*. pp. 1-16. Juneau Center, School of Fisheries and Ocean Sciences. University of Alaska Fairbanks, 11120 Glacier Hwy. Juneau, AK 99801.
- Goodman, D., Mangel, M., Parkes, G., Quinn, T., Restrepo, V., Smith, T., and Stokes, K. (2002). Scientific review of the harvest strategy currently used in the BSAI and GOA Groundfish Fishery management Plans. Prepared for the NPFMC, Anchorage, AK. 145 pp.
- Heifetz, J., Courtney, D.L., Clausen, D.M., Hanselman, D., Fujioka, J.T., and Ianelli, J.N. (2002). Slope Rockfish in Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2003. Available from NPFMC, 605 West 4th Avenue, Suite 306, Anchorage, AK 99501-2252.
- Heifetz, J. (jon.heifetz@noaa.gov)*1, Courtney, D.L., Fujioka, J.T., Greene, H.G., Malecha, P., and Stone, R.P. National Marine Fisheries Service, Auke Bay Lab, Juneau, AK, Moss Landing Marine Lab, Moss Landing, CA. Benthic habitat in the Gulf of Alaska; biological communities, geological habitat, and fishing intensity. Presented at Symposium on the Effects of Fishing Activities on Benthic Habitats. Nov. 12-14, 2002. Tampa, FL.
- Heifetz, J., and Fujioka, J.T. (1991). "Movement dynamics of tagged sablefish in the northeastern Pacific Ocean." *Fisheries Research*, 11, pp. 355-374.
- Heifetz, J., Ianelli, J.N., Clausen, D.M., Courtney, D., and Fujioka, J.T. (2001). Slope rockfish. NOAA Fisheries, Alaska Fisheries Science Center. Seattle, WA. Nov. 2001. 72 pp. Internet: <http://www.afsc.noaa.gov/refm/docs/2001/goasloperck.pdf>

Chapter 4

- IPHC (International Pacific Halibut Commission). 2003. Commercial halibut catch by year and regulatory area. Internet: <http://www.iphc.washington.edu/halcom/commerc/catchbyreg.htm>
- Kreiger, K.J., and Ito, D.H. (1999). "Distribution and abundance of shortraker rockfish, *Sebastes borealis*, and rougheye rockfish, *S. aleutianus*, determined from a manned submersible." *Fishery Bulletin*, 97, pp. 264-272.
- Krieger, K.J., and Wing, B. (2002). "Megafauna associations with deepwater corals (*Primnoa* spp.) in the Gulf of Alaska." *Hydrobiologia* 471:83-90.
- Lauck, T., Clark, C.W., Mangel, M., and Munro, G.R. (1998). Implementing the precautionary principle in fisheries management through marine reserves. *Ecological Applications* 8(1):S72-S78.
- Livingston, P.A. (2002). Trophic level of the catch. pp. 224-226. In: Appendix C: Ecosystem Considerations Chapter. NPFMC, 605, W. 4th Ave., Suite 306, Anchorage, AK 99501.
- Mace, P.M. (1999). Current status and prognosis for marine capture fisheries. *Fisheries* 24:3:30.
- Malecha et al. (2003). Malecha, P.W. (pat.malecha@noaa.gov)*, R.P. Stone and J. Heifetz; Auke Bay Laboratory, Alaska Fisheries Science Center, NMFS, NOAA. Living substrates in Alaska; distribution, abundance and species associations. Presented at Symposium on the Effects of Fishing Activities on Benthic Habitats. Nov. 12-14, 2002. Tampa, FL.
- Mangel, M., et al. (1996). Principles for the conservation of wild living things. *Ecological Applications* 6(2):338-362.
- National Research Council. (1999). *Sustaining Marine Fisheries*. National Academy Press, Washington, D.C. 165 pp.
- NMFS. (1998). Report to Congress on the Status of Fisheries of the U.S., 1997. NMFS, Silver Spring, MD. 88 pp.
- NOAA Fisheries. (2003). Alaska Regional Office: Protected Resources Division home page. Internet: <http://www.fakr.noaa.gov/protectedresources/default.htm>
- NPFMC (North Pacific Fishery Management Council). (1998). *Ecosystem Considerations for 1999*. NPFMC, Anchorage, AK. 64 pp.
- NPFMC. (1998). *Ecosystem Considerations for 1999*. NPFMC, Anchorage, AK. 64 pp.
- NPFMC Ecosystem Considerations. (2002). Section of Stock Assessment and Fishery Evaluation (SAFE) Report, compiled and reviewed by Plan Teams for the Groundfish Fisheries of the Bering Sea, Aleutian Islands, and Gulf of Alaska. Ed. By Pat Livingston. AFSC.
- O'Connel, V., Brylinsky, C., and Carlile, D. (2002). "Demersal shelf rockfish assessment for 2003." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 419 pp.
- Queirolo, L.E., Fritz, L.W., Livingston, P.A., Loefflad, M.R., Colpo, D.A., and DeReynier, Y.L. (1995). Bycatch, utilization, and discards in the commercial groundfish fisheries of the Gulf of Alaska, Eastern Bering Sea, and Aleutian Islands. NOAA Technical Memorandum NMFS-AFSC-58. 148 pp.
- Ralston, S. (1998). The status of federally managed rockfish on the U.S. West Coast. Pages 6-16 in M.M. Yoklavich, ed. *Marine harvest refugia for West Coast rockfish: a workshop*, NOAA-TM-NMFS-SWFSC-255, La Jolla, CA.
- Ralston, S. (2002). West Coast Rockfish Harvest Policy. *North American Journal of Fisheries Management*. 22: 249-250.
- Reuter, R.F. (1999). "Describing dusky rockfish (*Sebastes ciliatus*) habitat in the Gulf of Alaska using historical data," M.S., California State University, Hayward.

Chapter 4

- Reuter, R.F., and Spencer, P.D. (2002). "Other rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 581 pp.
- Rose, C.S. (craig.rose@noaa.gov)* and E. M. JORGENSEN; NOAA National Marine Fisheries Service, Alaska Fisheries Science Center, Seattle, WA. Spatial and temporal distributions of trawling intensity off of Alaska; Connecting the small scale to issues on an ecosystem scale. Presented at Symposium on the Effects of Fishing Activities on Benthic Habitats. Nov. 12-14, 2002. Tampa, FL.
- Rose, Craig. (2002). (and others to be added following review). An Analysis of the Effects of Fishing on Fish Habitats of the Waters off of Alaska. A Draft White Paper prepared for the Essential Fish Habitat Committee of the NPFMS. August 11, 2002.
- Rosenberg, A.A., and Restrepo, V.R. (1996) Precautionary management reference points and management strategies. In Precautionary Approach to Fisheries, Part 2: Scientific Papers, pp. 129-140. FAO Fisheries Technical Paper. No. 350, Part 2. Rome, FAO. 210 pp.
- Sigler M.F., Lunsford, C.R., Fujioka, J.T., and Lowe, S.A (2002). "Alaska Sablefish Assessment for 2002." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Regions and the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp. 449, 229.
- Spencer, P.D., and Reuter, R.F. (2002). "Other red rockfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 559 pp.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2001a). "Flathead sole." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp. 7-1.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2001b). "Other flatfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp. 8-1.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2002a). "Flathead sole." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 361 pp.
- Spencer, P.D., Walters, G.E., and Wilderbuer, T.K. (2002b). "Other flatfish." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands Region, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 437 pp.
- Thompson, G. (1996). The precautionary principle in North Pacific groundfish management. NMFS, Alaska Fisheries Science Center Quarterly Report, July-September, 1996. 7 pp.
- Turnock, B.J., Wilderbuer, T.K., and Brown, E.S. (2001b). "Gulf of Alaska Flatfish." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska, NPFMC, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, pp. 3-1.
- Vania, T., Golembeski, V., Borba, B., Lingnau, T., Hayes, J., Boek, K., Busher, W. (2002). ADF&G Division of Commercial Fisheries Annual Management Report Yukon and Northern Areas 2000. ADF&G Regional Information Report No. 3A02-29. 333 Raspberry Rd., Anchorage, AK 99518.
- Volstad, J.H., Richkus, W., Gaurin, S., and Easton, R. (1997). Analytical and statistical review of procedures for collection and analysis of commercial fishery data used for management and assessment of groundfish stocks in the U.S. exclusive economic zone off Alaska. Versar, Inc., Columbia, MD 172 pp.

Chapter 4

- Weiland, K., Morstad, S., Browning, J., Sands, T., Anderson, C., Fair, L., Crawford, D., Gray, D., West, F., McKinley, L., Rowell, K. (2001). ADF&G Division of Commercial Fisheries Annual Management Report – 2000 – Bristol Bay Area. ADF&G Regional Information Report No. 2A01-10. 333 Raspberry Rd., Anchorage, AK 99518, 143 pp.
- Witherell, D. (1995). Management of flatfish fisheries in the North Pacific. In Proceedings of the International Symposium on North Pacific Flatfish, pp. 573-589. Alaska Sea Grant College Program Report AK-SG-95-04, University of Alaska, Fairbanks. 643 pp.
- Witherell, D., and Pautzke, C. (1997). A brief history of bycatch management measures for eastern Bering Sea groundfish fisheries. *Marine Fisheries Review* 59(4):15-22.
- Witherell, D., Pautzke, C., and Fluharty, D. (2000). An ecosystem-based approach for Alaska Groundfish Fisheries. *ICES Journal of Marine Science*. (In press).
- Yang, M.S. (1993). "Food habits of the commercially important groundfishes in the Gulf of Alaska in 1990." NOAA Technical Memorandum, NMFS-AFSC-22, U.S. DOC, NOAA. 150 pp.
- Yang, M.S. (1996). "Diets of the important groundfishes in the Aleutian Islands in summer 1991." NOAA Technical Memorandum, NMFS-AFSC-60, U.S. DOC, NOAA. 105 pp.
- Yang, M.S., and Nelson, M.W. (2000). "Food habits of the commercially important groundfishes in the Gulf of Alaska in 1990, 1993, and 1996." NOAA Technical Memorandum, NMFS-AFSC-112, U.S. DOC. 174 pp.

Chapter 5

- Cousins, K., and Cooper, J. (2000). The population biology of the black-footed albatross in relation to mortality caused by longline fishing. Honolulu, HI. 159 pp.
- Dragoo, D.E., Byrd, G.V., and Irons, D.B. (2001). Breeding status and population trends of seabirds in Alaska in 2000. U.S. Fish and Wildlife Service Report, AMNWR 01/07, U.S. Department of the Interior, U.S. Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503. 77 pp.
- Gales, R., Brothers, N., and Reid, T. (1998). "Seabird mortality in the Japanese tuna longline fishery around Australia, 1988-1995." *Biol. Conserv.*, 86, pp. 37-56.
- Hunt, G.L., Kato, H., and McKinnell, S.M. (eds.). (2000). Predation by Marine Birds and Mammals in the Subarctic North Pacific Ocean. PICES scientific report No. 14. North Pacific Marine Science Organization, Sidney, B.C., Canada. 168 pp.
- Murawski, S.A. (2000). Definitions of overfishing from an ecosystem perspective. *ICES J. Mar. Sci.* 57:649-658.
- NMFS (1998c). NOAA Fisheries Data Acquisition Plan (September 1998) available electronically at www.nmfs.noaa.gov/st/st2/omb_link.html.
- NRC. (1998). Improving fish stock assessments. Natl. Res. Council., Natl. Acad. Press, Wash., DC, 188 pp. Available electronically at www.nap.edu/books/0309057256/html/
- NRC. (2000). Improving the collection, management, and use of marine fisheries data. Natl. Res. Council., Natl. Acad. Press, Wash., DC, 236 pp. Available electronically at www.nap.edu/books/0309070856/html/
- Piatt, J. F., Abookire, A.A., Drew, G., Kitaysky, A., Litzow, M., Nielsen, A., Speckmann, S., van Pelt, T., and Zador, S. (1998). "Cook Inlet seabird and forage fish studies." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 97163M, U.S. Geological Survey, Biological Resource Division, Anchorage, AK.
- SAFE. (2002). Stock Assessment and Fishery Evaluation (SAFE) Report. Ecosystem Considerations for 2003, 213 pp. NPFMC, 605 West 4th Avenue., Suite 306, Anchorage, AK 99501. November 2002.
- Suryan, R.M., Irons, D.B., and Benson, J.E. (1998a). "Foraging ecology of black-legged kittiwakes in Prince William Sound, Alaska, from radio tracking studies." *Pacific Seabirds*, 25, pp. 45.
- Suryan, R.M., Irons, D.B., and Benson, J.E. (1998b). "Kittiwakes as indicators of forage fish availability." Exxon Valdez Oil Spill Restoration Project Annual Report, Restoration Project 97163E, U.S. Department of the Interior, Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, AK 99503.
- Suryan, R.M., Irons, D.B., and Benson, J.E. (2000). "Prey switching and variable foraging strategies of black-legged kittiwakes and the effect on reproductive success." *Condor*, 102, pp. 373-384.